

## **"**ONE BRAND **"**ONE SOURCE **"**ONE SYSTEM



**#SERVICE #MATERIAL PROCESSING #SURFACE PROTECTION #AUTOMOTIVE** 

## **REMA TIP TOP**

Portfolio Capital Equipment 2014/2015





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## REMA TIP TOP means quality, service and innovative solutions in all sectors of business:

### ONE BRAND - ONE SOURCE - ONE SYSTEM

#### // AUTOMOTIVE

As a professional supplier of system solutions, REMA TIP TOP offers its partners in the automotive sector a unique and comprehensive program.



#### // MATERIAL PROCESSING

The use of specific REMA TIP TOP products lengthens the service life of conveying and processing plant and reduces downtime.



#### **//** SURFACE PROTECTION

Our corrosion protection systems prevent damage and maintain the value of your plant while contributing to environmental protection.



#### **//** SERVICE

REMA TIP TOP customers have for decades relied on individual all-in care and support by our highlyqualified specialists.



### Solutions

- **↗** Agriculture
- → Car workshops, car service
- → Cement industry
- → Chemical industry
- **对** Building industry
- → Container & plant construction

- → Energy industry
- **对** Foodstuffs industry
- **7** Foundries
- → Goods transport
- → Metalworking and machine building
- Mining and mines
- → Recycling industry

- → Retail trade (cycles/motorcycles)
- → Tyre retreading
- **对** Gravel, sand and stone breaking mills
- → Transport, logistics and haulage operations
- → Tyre trade, tyre service
- → Water management

## • WORKSHOP EQUIPMENT

# REMATIP TOP

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## TYRE CHANGERS MOTORCYCLE Tyre changer PROMAXX MOTO

### PROMAXX MOTO

- Specifically developed for motorcycle, scooter, quad and ATV
- Space-saving design due to swivelling mounting column
- Adjustable swing arm
- Other voltages on request

### Scope of delivery:

- 1 Mounting head
- 1 Tyre lever
- 1 Bead breaker
- 4 Clamping jaws

Outer clamping range	5 - 23 Inch
Size	1880 x 1110 x 1950 L x W x H mm
Electric power/connection	400/50/3 V/Hz/Ph
Operating pressure	8 - 10 bar
Weight	155 kg
Bead breaker opening	370 mm
Breaking force	750 kg
Rim width	12 Inch
Power	0.4 kW
Wheel dia.	1000 mm
Sound level	< 70 dB

:		
Ref. No.	Description	Content
519 0150	PROMAXX MOTO	1

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Accessories - PROMAXX Moto

Ref. No.	Description	Content
519 2941	Set of plastic inserts left	5
519 2942	Set of plastic inserts right	10
519 2946	Special mounting head for scooters, quads & ATVs	1
519 2960	Centering pin	1
519 2961	Bead pressing clamp for wheel diameters smaller than 8"	1
519 2962	Bead breaker blade protector	6



Centering arbour on bead breaker and roller on mounting head not included in standard shipment



519 2946

# TYRE CHANGERS CAR Tyre changers PROMAXX car line

#### PROMAXX 8150

- Cost-effective turntable machine for professional tyre fitting
- Ideal for smaller tyre services and garages
- Compact construction saves space
- Outer clamping up to 20"
- Self-centering chuck
- Powerful bead breaker arm, sensitive response
- Bead breaker shovel avoids damage to the tyre
- Adjustable swing arm
- Other voltages on request

- 1 Servicing unit
- 1 User's manual
- 1 Holder for mounting paste bucket
- 1 Plastic protection for mounting head, clamping jaws and bead breaker
- 1 Tyre lever

Inner clamping range	13 - 23 Inch
Outer clamping range	10 - 20 Inch
Rim width	12 Inch
Wheel dia.	980 mm
Bead breaker opening	320 mm
Breaking force	1500 kg
Rotating speed	7 rpm
Electric power/connection	400/50/3 V/Hz/Ph
Power	0.55 kW
Operating pressure	8 - 10 bar
Sound level	< 70 dB
Size	870 x 950 x 19 L x W x H mm
Weight	196 kg

Ref. No.	Description	Content
519 0060	PROMAXX 8150	1



## TYRE CHANGERS CAR Tyre changers PROMAXX car line

### PROMAXX 8200 / 8200-2

#### wdk-certified for UHP and Run Flat Tyres

- Highly ergonomic turntable machine for professional tyre fitting
- Ideal for high throughput garages and tyre services
- Pneumatically operated tilt-back mounting column
- Mounting head locked pneumatically
- Compact construction saves space
- Self-centering chuck
- Powerful bead breaker arm, sensitive response
- Bead breaker shovel avoids damage to the tyre
- Two rotation speeds, electronically controlled (version 8200-2)
- Inflator nozzles incorporated in the turntable claws for quick inflation of tyre (version FI)
- Retrofittable PROTEC device
- With accessories is certified according to wdk guidelines
- Other voltages on request

- 1 Servicing unit
- 1 Pedal-controlled tyre inflator with integrated pressure gauge
- 1 Holder for mounting paste bucket
- 1 Plastic protection for mounting head, clamping jaws and bead breaker
- 1 Tyre lever

Inner clamping range	13 - 23 Inch
Outer clamping range	10 - 20 Inch
Rim width	12 Inch
Wheel dia.	1040 mm
Bead breaker opening	320 mm
Breaking force	1500 kg
Rotating speed	8,5 rpm (version 8200) 6 - 15 rpm (version 8200-2)
Electric power/connection	400/50/3 V/Hz/Ph (version 8200) 230/50/1 V/Hz/Ph (version 8200-2)
Power	0.55 kW
Operating pressure	8 - 10 bar
Sound level	< 70 dB
Size	1600 x 1080 x 1760 L x W x H mm
Weight	260 kg

Ref. No.	Description	Content
519 0070	PROMAXX 8200	1
519 0080	PROMAXX 8200-2	1
519 0081	PROMAXX 8200-2 FI	1



## TYRE CHANGERS CAR Tyre changers PROMAXX car line

### PROMAXX 8240 / 8240-2

#### certified to wdk for UHP and Run Flat Tyres

- Professional turntable machine for tyre fitters who demand the highest quality standards
- Ideal for high throughput garages and tyre services
- Clamping range up to 26"
- Requires little space thanks to compact construction and square turntable
- Pneumatically operated tilt-back mounting column
- Mounting head positioned and locked pneumatically
- Pedal-controlled tyre inflator with built-in pressure gauge
- Powerful bead breaker arm, sensitive response
- Bead breaker shovel avoids damage to the tyre
- Two rotation speeds, electronically controlled (version 8240-2)
- Inflator nozzles incorporated in the turntable claws for quick inflation of tyre (version FI)
- Retrofittable PROTEC device
- With accessories is certified according to wdk guidelines
- Other voltages on request

- 1 Servicing unit
- 1 Pedal-controlled tyre inflator with integrated pressure gauge
- 1 Holder for mounting paste bucket
- 1 Plastic protection for mounting head, clamping jaws and bead breaker
- 1 Tyre lever
- 1 Protec (version plus)

Inner clamping range	13 - 26 Inch
Outer clamping range	10 - 24 Inch
Rim width	14 Inch
Wheel dia.	1040 mm
Bead breaker opening	410 mm
Breaking force	1500 kg
Rotating speed	8,5 rpm (version 8200) 6 - 15 rpm (version 8200-2)
Electric power/connection	400/50/3 V/Hz/Ph (version 8200) 230/50/1 V/Hz/Ph (version 8200-2)
Power	0.75 kW
Operating pressure	8 - 10 bar
Sound level	< 70 dB
Size	1880 x 1110 x 1950 L x W x H mm
Weight	274 kg

Ref. No.	Description	Content
519 0090	PROMAXX 8240	1
519 0100	PROMAXX 8240 PLUS	1
519 0120	PROMAXX 8240-2	1
519 0140	PROMAXX 8240-2 FI	1
519 0130	PROMAXX 8240-2 PLUS	1





### Mounting device PROTEC

- Sturdy, precision-manufactured demount/mounting system
- Essential accessory for critical tyre/rim assemblies such as **UHPs**
- Pneumatically adjustable and lockable bead pressure roller
- Axially adjustable disc bead lifter
- Support arm with quick-change device for different tools
- Required for wdk certification

Ref. No.	Description
519 0201	Mounting device PROTEC Suitable for: PROMAXX 8200/8240 series from 2010

### wdk Kit for PROMAXX 8200/8240

To meet wdk requirements, special accessories are required for mounting/dismounting Run Flat and UHP tyres. These accessories considerably facilitate mounting of this rim/tyre combination.

#### Scope of delivery:

- 2 Bead depressors
- 3 Rim edge protections
- 1 wdk-compliant fitting lever 1 CD with fitting instructions

#### Suitable for:

PROMAXX 8200/8240

Ref. No.	Description	Content
519 0511	wdk Kit for PROMAXX	1

## Stroke limiting device for bead breaker

- Only necessary for PROMAXX 8200
- To prevent damage to the tyre during bead breaking
- Required for wdk certification

Scope of delivery:

PROMAXX 8200

Ref. No.	Description (	Content
519 2952	Stroke limiting device for bead breaker	1

## Mounting device PROTEC 300

- Demount/mounting system for critical tyre/rim assemblies such as UHPs
- Pneumatically adjustable and lockable bead pressure roller
- Axially adjustable disc bead lifter

Ref. No.	Description	Content
	Mounting device PROTEC 300  Suitable for: PROMAXX 8200/8240	1







519 2946





519 2947



519 2944



## Accessories - Tyre changers PROMAXX car

Ref. No.	Description	Content
519 2940	Jaw protector for alloys	12
519 2941	Set of plastic inserts left	5
519 2942	Set of plastic inserts right	10
519 2943	Set of bead breaker protectors	6
519 2944	Mounting head for protruding spokes	1
519 2945	Set of plastic inserts for 5192944	10
519 2946	Special mounting head for scooters, quads & ATVs	1
519 2947	Bead breaker adapter	1
519 2948	Set of clamping jaw adapters, +4"	1 set with 4 clamping jaws
519 2949	Set of clamping jaw adapters, from 8"	1 set with 4 clamping jaws
519 2950	Set of motorcycle adapters	1 set with 4 clamping jaws
519 2951	Roller bed	1

## Mounting lubricants for car tyres

Ref. No.	Description	Content
593 0601	REMAXX Universal	3.5 kg bucket
593 0577	REMAXX Sport	3.5 kg bucket
593 5640	REMAXX FLUID	400 ml spray
595 8360	Flat brush for car tyres	1



## TYRE CHANGERS CAR Tyre changers PROMAXX FORCE line

#### PROMAXX FORCE 1100

- Automatic car tyre changer, suitable for wheels with rims from 12"-30"
- Patented leverless mounting head, permits working with or without mounting lever
- Parallel-operation fitting arm, patented
- Patented SMART LOCK central clamping system
- Multi-functional roller bead loosening unit
- Electric motor with inverter
- Ergonomic control unit
- Pedal-controlled tyre inflation
- Optional pneumatic bead depressor required for wdk certification

#### Scope of delivery:

- 1 Reducer ring for central clamping system
- 1 Bead holding clamp
- 3 Rubber rim protectors
- 1 Mounting lever
- 1 Mini plastic lever
- 2 Plastic protections for mounting head
- 2 Plastic protections for clamping system
- 2 Plastic protections for bead-breaker shovel
- 1 Rim edge protection

Clamping range	12 - 30 Inch
Rim width	16 Inch
Wheel dia.	1200 mm
Breaking force	11700 N per roller
Rotating speed	6 - 12 rpm
Torque	1200 Nm
Loading capacity	80 kg

|--|

Electric power/connection	230/50/1 V/Hz/Ph
Power	0.75 kW
Operating pressure	8 - 10 bar
Sound level	< 70 dB
Size	1140 x 1390 x 1770 L x W x H mm
Weight	320 kg

	·	
Ref. No.	Description Conte	
519 3010	PROMAXX FORCE 1100	1

### Accessories - PROMAXX FORCE 1100

Ref. No.	Description	Content
	Bead depressor, pneumatic For faster and easier mounting and demounting of difficult wheel/tyre combinations	1
0.000.	Wheel lift Lifts wheel safely by foot pedal operation	1

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# TYRE CHANGERS CAR Tyre changers PROMAXX FORCE line

### PROMAXX FORCE 1120 / 1130

- Automatic car tyre changer, suitable for wheels with rims from 12"-30"
- Patented leverless mounting head, permits working with or without mounting lever
- Parallel-operation fitting arm, patented
- Patented SMART LOCK central clamping system
- Multi-functional roller bead loosening unit
- Electric motor with inverter
- Ergonomic control unit
- Pedal-controlled tyre inflation
- Patented bead breaker (shovel) with memory system
- Pneumatic bead depressor included (version 1120)
- Automatically operating, pneumatic bead depressor ROTO-ROB (version 1130)
- Ergonomic tyre lift
- Machine is delivered wdk-certified

- 1 Reducer ring for central clamping system
- 1 Bead holding clamp
- 3 Rubber rim protectors
- 1 Mounting lever
- 1 Mini plastic lever
- 2 Plastic protections for mounting head
- 2 Plastic protections for clamping system
- 2 Plastic protections for bead-breaker shovel
- 1 Rim edge protection

Clamping range	12 - 30 Inch
Rim width	16 Inch
Wheel dia.	1200 mm
Breaking force	11700 N per roller
Rotating speed	6 - 12 rpm
Torque	1200 Nm
Loading capacity	80 kg
Electric power/connection	230/50/1 V/Hz/Ph
Power	0.75 kW
Operating pressure	8 - 10 bar
Sound level	< 70 dB
Size	1140 x 1390 x 1770 L x W x H mm
Weight	395 kg (version 1120) 442 kg (version 1130)

Ref. No.	Description	Content
519 3000	PROMAXX FORCE 1120	1
519 3020	PROMAXX FORCE 1130	1





## TYRE CHANGERS CAR Tyre changers PROMAXX FORCE line

#### PROMAXX FORCE 1200

- First multi-functional car tyre changer, suitable for wheels with rims from 12"-30"
- Automatic input of wheel data by means of laser
- Fully automatic, multi-functional roller bead loosening unit
- Patented leverless mounting head, permits working with or without mounting lever
- Parallel-operation fitting arm
- Patented SMART LOCK central clamping system
- Electric motor with inverter
- Ergonomic control unit
- Pedal-controlled tyre inflation
- Ergonomic tyre lift
- Automatically operating, pneumatic bead depressor ROTO-ROB
- Machine is delivered wdk-certified

- 1 Reducer ring for central clamping system
- 1 Bead holding clamp
- 3 Rubber rim protectors
- 1 Mounting lever
- 1 Mini plastic lever
- 2 Plastic protections for mounting head
- 2 Plastic protections for clamping system
- 1 Rim edge protection

Clamping range	12 - 30 Inch
Rim width	16 Inch
Wheel dia.	1200 mm
Breaking force	11700 N per roller
Rotating speed	6 - 12 rpm
Torque	1200 Nm
Loading capacity	80 kg
Electric power/connection	230/50/1 V/Hz/Ph
Power	0.75 kW
Operating pressure	8 - 10 bar
Sound level	< 70 dB
Size	1140 x 1390 x 1770 L x W x H mm
Weight	450 kg

Ref. No.	Description	Content
519 3050	PROMAXX FORCE 1200	1



## TYRE CHANGERS CAR Accessories - PROMAXX FORCE line









519 3032

519 3034

519 3037

519 3038







519 3033

519 3035

519 3036

### Accessories - PROMAXX FORCE line

Ref. No.	Description	Content
519 3032	FMP 456 adapter	1
519 3033	Quick inflator	1
519 3034	Motorcycle wheel adaptor	1
519 3035	Cone kit, 110 - 190 mm	1
519 3036	Cone kit, 190 - 220 mm	1
519 3037	Cone 75 - 120 mm	1
519 3038	Double cone 77 - 145 mm	1
519 3040	Reducer	1
519 3041	Bead holding clamp	3
519 3042	Protection for mounting head	2+2
519 3043	Protection for clamping system and cone	3+3
519 3044	Protection for chuck	2
519 3045	Protection for bead-breaker shovel	2
593 5630	REMAXX Mounting fluid	5 I can

## TYRE CHANGERS CAR Accessories - PROMAXX FORCE line



## Mounting lubricants for car tyres

Ref. No.	Description	Content
593 0601	REMAXX Universal	3.5 kg bucket
593 0577	REMAXX Sport	3.5 kg bucket
	REMAXX FLUID	400 ml spray
595 8360	Flat brush for car tyres	1

## Wulstboy bead depressor with traction

- Facilitates the mounting of difficult wheel-tyre assemblies
- The shape of the first bead depressor has been improved in order to meet the requirements of Run Flat and UHP tyre mounting
- In addition, the central guide bar has been removed to ensure easy handling

#### Suitable for:

All car tyre changers

	:
Ref. No.	Description Content
518 0260	Wulstboy bead depressor with traction 22"
518 0270	Wulstboy bead depressor with traction 28"

# TYRE CHANGING LINE ELEMENTS Tyre changing line elements



### Wheel lift BB 700

- Pneumatic wheel lift for easy lifting of heavy wheels
- Ideal in combination with bead breaking table BBRT 700

Ref. No.	Description	Lifting capacity	Lifting height	Operating pressure	Size	Content
518 9840	Semi-automatic wheel lift BB 700	65 kg	700 mm	10 bar	1100 x 430 x 530 L x W x H mm	1
518 9841	Lifting plate for 2nd wheel, for BB 700			•	•	1

## Bead breaking table BBRT 700

- Horizontal bead breaker for car and light commercial vehicle tyres
- Perfect handling

- Accurate bead breaking
- Wheel turning plate for fast operation
- Two height adjustments

Ref. No.	Description	Working height	Operating pressure	Size	Content
518 9860	Bead breaking table BBRT 700	700 mm	10 bar	1300 x 780 x 1350 L x W x H mm	1
518 9861	Magic Arm for BBRT 700 For non-contacting positioning of the bead breaker arm				1
518 9862	Wheel turning plate For fast turning of wheel				1
518 9863	Tool shelf			180 x 200 x 540 L x W x H mm	1

# TYRE CHANGING LINE ELEMENTS Tyre changing line elements



## Vario lifting table

Specifically for lifting out the wheel from Butler clamping arm machines

Ref. No.	Description	Lifting height	Operating pressure	Size	Content
518 9821	Vario lifting table	700 mm	10 bar	700 x 1600 x 700 L x W x H mm	1

### Roller table 1500

Ref. No.	Description	Size	Content
518 9971	Roller table 1500 mm	1545 x 660 x 700 L x W x H mm	1
	Extension table 600 mm		1
	Extension table 500 mm, with drop of 35°		1
518 9830	Safety portal		1

### Inflation table 1200 mm

Incl. spring-supported pressure gauge. The connection between tyre changer and wheel balancer

	:	
Ref. No.	Description	Content
	Inflation table 1200 mm	1

# TYRE CHANGING LINE ELEMENTS Tyre changing line elements



## Safety inflation station IT 700

Safe inflation of tyres in accordance with workplace safety requirements and European legislation

#### Scope of delivery:

• 1 Roller table 900 mm

- 1 Programmable digital tyre inflator PCI 1000, 7 bar
- 1 Spring holder for air hose

Ref. No.	Description	Size	Working height	Operating pressure	Electric power/ connection	Content
518 9870	Safety inflation station IT 700	890 x 1020 x 1670 L x W x H mm	700 mm	10 bar	230 V	1
518 9871	Extension table 600 mm					1
518 9872	Extension table 500 mm, with drop of 35°					1
518 9873	Omega-Jet system 13″-19″	•				7

## Wheel centering lift

- Special lift for "weightless" clamping of the wheel on the balancer
- By a special procedure the lift takes up the weight of the wheel
- The operator brings the wheel without any effort to the required height

#### Suitable for:

All REMA TIP TOP wheel balancers

Ref. No.	Description	Lifting capacity	Operating pressure	Electric power/ connection	Size	Content
518 9890	Wheel centering lift WCL 700	65 kg	10 bar	230 V	680 x 1350 x 335 L x W x H mm	1

# TYRE CHANGING LINE ELEMENTS Safety inflation chamber truck







519 1633

518 0700 519 1103

### FORT LOCKER

• Withstands high pressure due to its unique structural steel design, increasing the safety for the operator

- The risk of serious damage or accidents caused by flying tyre fragments is reduced by iron bars
- The cage can be entered from both sides

	5180700	5191633
Size	2930 (1685) x 783 x 1520	
Weight	210	
Accuracy		± 0.5
Electric power/connection		max. 16
Inflation pressure		max. 10
Temperature range		-20 to +70

Ref. No.	Description	Content
518 0700	FORT LOCKER	1
518 0705	FORT LOCKER with Tronifill	1
519 1633	PROFIAIR digital tyre inflator Provides high air flow, allowing fast inflation - It can only be activated when the doors of the FORT LOCKER are closed <b>Suitable for:</b> FORT LOCKER	1

## Safety frame

- Safety frame for inflation of truck tyres on flat base rims with lock ring
- Can be anchored to the floor
- Conforms to the relevant safety requirements

Ref. No.	Description	Content
519 1103	Safety frame	1

# TYRE CHANGING LINE ELEMENTS Safety inflation chamber truck











518 9910 518 9911

518 9912 518 9913

518 9914

518 4760

## Safety inflation cages

## Supplementary equipment is optionally available (not included in delivery)

- Patented tyre inflation cage made of special tough steel breaks the pressure wave in the event of an explosion and protects against flying tyre fragments
- Simplex: one protection layer, duplex: double protection layer
- Complies with all national and international safety regulations
- All safety cages of the IC series are supplied with their respective equipment fully installed
- Safety cages with special equipment such as side door with safety switch, or wheel eject system are available on request

Ref. No.	Description	Size	Wheel width	Wheel dia.	Content
518 9910	Safety inflation cage IC-1, simplex <b>Suitable for:</b> 1 Truck tyre	1360 x 690 x 1350 L x W x H mm	530 mm	1200 mm	1
518 9911	Safety inflation cage IC-1, duplex <b>Suitable for:</b> 1 Truck tyre	1360 x 690 x 1350 L x W x H mm	530 mm	1200 mm	1
518 4567	Safety inflation cage IC-1, duplex complete <b>Suitable for:</b> 1 Truck tyre	1360 x 690 x 1350 L x W x H mm	430 mm	1200 mm	7
518 9912	Safety inflation cage HP-2, simplex <b>Suitable for:</b> 2 Truck tyres	1430 x 1320 x 1360 L x W x H mm	530 mm	1200 mm	1
518 9913	Safety inflation cage HP-2, duplex <b>Suitable for:</b> 2 Truck tyres	1430 x 1320 x 1360 L x W x H mm	530 mm	1200 mm	1
518 4574	Safety inflation cage HP-2, duplex complete <b>Suitable for:</b> 2 Truck tyres	1430 x 1320 x 1880 L x W x H mm	530 mm	1200 mm	1
518 4760	Programmable digital tyre inflator PCI 1000			•	1
518 9915	Holder For mounting CI 5000 on safety inflation cage			••••••	1
518 9914	Side support for wheel  Suitable for: IC-1/2				1
518 9916	Omega Jet system, complete Suitable for: Wheels from 17.5" - 22.5"				1
518 9917	Emergency emptying system				1

## TYRE CHANGERS TRUCK Tyre changers for rims up to 26 inches

### UNIMONT 16.5 - 24.5 EVO mobile

- Easy-to-operate tyre changer for tubeless truck tyres, suitable for alloy rims
- Outside clamping of all tapered rims
- Pneumatic slide-in/slide-out module
- Gear motor rotates the wheel for bead depression, tyre beads are depressed and demounted simultaneously by breaking cylinder
- Gentle bead breaking ensured by mounting finger (mounting arm rotates)
- Now even more compact and lighter
- Ideal for vehicles up to 3.5 t

- 1 Tyre lever
- 1 Telescopic slide, pneumatic
- 1 Quick lock 22.5" for alloy rims
- 1 Quick lock 22.5" for steel rims



	5193421	5193420
Rim dia.	16.5 - 24.5 Inch	16.5 - 24.5 Inch
Centering by step-shaped chuck, central hole dia.	161/175/201/220/280 mm	161/175/201/220/280 mm
Attachment by 2 bolts each	M 18 - M 24, and by Quick lock (standard equipment) possible	M 18 - M 24, and by Quick lock (standard equipment) possible
Hole circle/No. of holes	205/6, 225/6, 245/6, 275/8, 285.7/10 (Volvo), 335/10	205/6, 225/6, 245/6, 275/8, 285.7/10 (Volvo), 335/10
Breaking cylinder, adjustable stroke	600 mm	600 mm
Cylinder movement, adjustable height	600 mm	600 mm
Torque	1270 Nm	1270 Nm
Speed	6.4 rpm	6.4 rpm
Electric power/connection	230/50/1 V/Hz/Ph	400/50/3 V/Hz/Ph
Air consumption	1.04 l/min	1.04 l/min
Operating pressure	10 bar	10 bar
Power	1.5 (motor) kW	1.5 (motor) kW
Size	1600 x 950 x 1590 (telescopic frame extended) L x W x H mm	1600 x 950 x 1590 (telescopic frame extended) L x W x H mm

Ref. No.	Description Content	
	UNIMONT 16.5 - 24.5 EVO, 230 V	
519 3420	UNIMONT 16.5 - 24.5 EVO, 400 V	

## TYRE CHANGERS TRUCK Tyre changers for rims up to 26 inches

#### PROMONT B 924

- Mounting/demounting of light-truck/truck tubeless tyres on wide base rims and Unimog tyres on standard drop center rims
- Hydraulic rim centering, using the rim central hole with 3-step universal chuck

#### Scope of delivery: • 1 Tyre lever • 1 Bead holding clamp

• 1 Aluminium ring, 22.5"

Clamping range, rim central hole	145 - 290 mm
Wheel dia.	max. 1350 mm
Wheel width	max. 680 mm
Breaking force	2700 - 3200 kg
Electric power/connection	400 V
Operating pressure	160 bar
Size	2000 x 1500 L x W mm
Weight	450 kg

Ref. No.	Description	Content
519 3462	PROMONT 924	1

- Hydraulic height adjustment of the chuck and tool holder carriages with the mounting tools
- Bead breaking/demounting from wide base rims carried out by means of the rollers
- Bead breaking from standard drop centre rims by means of rollers, mounting/demounting using the mounting tools



### PROMAXX 9260

- Mounting and demounting of light truck/truck tyres on wide base rims, Unimog tyres on standard drop-centre rims, OTR tyres up to a max. diameter of 26" and width of 800 mm (31.5")
- Hydraulic rim clamping with four-part universal chuck

### Scope of delivery: •1 Tyre lever •1 Bead holding clamp

• 1 Adapter for alloy rims

Clamping range	14 - 26 Inch
Wheel width	800 mm
Wheel dia.	1600 mm
Wheel weight	600 kg
Hydraulic motor	1.1 kW
Electric power/connection	400/50/3 V/Hz/Ph
Operating pressure	150 bar
Breaking force	2700 - 3200 kg
Dia.	125 - 700 (rim central hole) mm
Speed	6.5 rpm
Size	1900 x 1500 x 1250 L x W x H mm
Weight	540 kg

Ref. No.	Description	Content
519 3520	PROMAXX 9260	1

- Hydraulic height adjustment of the chuck and movement of the tool holder carriage
- Bead breaking/demounting from wide base rims carried out by means of the rollers
- Mounting and demounting of OTR tyres using mounting finger



## TYRE CHANGERS TRUCK Accessories - Tyre changers for rims up to 26 inches



## Accessories - Tyre changers for rims up to 26 inches

Ref. No.	Description	Clamping range, rim central hole	Content
519 3383	Plastic protection mounting head <b>Suitable for:</b> UNIMONT 16.5 - 24.5 EVO		5
519 3330	Tool holder, long <b>Suitable for:</b> Wide tyres; Standard tyres up to width 385 mm; UNIMONT 16.5 - 24.5 EVO		1
519 3400	Quick lock 22.5" <b>Suitable for:</b> Alloy rims; UNIMONT 16.5 - 24.5 EVO		1
519 3410	Quick lock 22.5" <b>Suitable for:</b> Steel rims; UNIMONT 16.5 - 24.5 EVO		1
519 3479	Bead breaking plate <b>Suitable for:</b> Split (multi-piece) rims; PROMONT B 924		1
519 3550	Clamp rings <b>Suitable for:</b> Alloy rims (rim hole dia. 17.5/19.5/22.5); PROMONT B 924		1
519 3580	Alloy rim protection rim, 22.5" <b>Suitable for:</b> PROMONT B 924		1
519 9500	Set of alloy rings, white zinc-coated Simple system for clamping alloy truck and bus rims - Different rim sizes can be professionally clamped in a careful and time-saving manner - Prevents damage because there is no direct contact between the clamping jaw and rim  Suitable for: PROMONT 924; PROMAXX 9260	174/201/229/280 mn	n 4
519 3606	Bead holding clamp, for alloy rims Suitable for: Alloy rims		1
570 0750	Bead holding clamp, truck <b>Suitable for:</b> Steel rims		1
570 0200	Special tyre lever for trucks		7

## Mounting lubricants for truck tyres

				-0-0-0-00-0-0-0-
Ref. No.	Description	Length of handle	Dia.	Content
593 0515	REMAXX TRUCK			5 kg bucket
593 5541	REMAXX Demounting fluid			5 I can
	Special brush truck	300 mm	50 mm	1



## PROMAXX 9156 / 9156 A

TYRE CHANGERS TRUCK

Tyre changers PROMAXX truck line

- Semi-automatic tyre changer (version 9156)
- Automatic tyre changer (version 9156 A) for light truck/truck tyres as well as agricultural and EM tyres up to max. diameter 56" and width 1220 mm
- Robust construction and sturdy design guarantee high stability even when handling large wheels
- Hydraulic clamping of rim by means of universal multi-stage chuck
- Scope of delivery:
- 4 Clamping arm extensions
- 1 Standard mounting lever

- Two rotating speeds
- Simultaneous traversing of tool arm and chuck carriage enables fast operation
- Manual lifting, lowering and rotation of tool (version 9156)
- Hydraulic lifting, lowering and rotation of tool (version 9156 A)
- Double speed on all hydraulic movements
- Stand-by mode
- Available with 2 diffent control units
- 1 Mounting lever, long
- 1 Bead holding clamp

Clamping range	11- 56 Inch
Wheel dia.	2450 mm
Wheel width	1220 mm
Wheel weight	1300 kg
Breaking force	25000 N
Clamping force	5000 Nm
Clamping range, rim central hole	110 mm
Speed	4 / 8 rpm
Electric power/connection	400/50/3 V/Hz/Ph
Electric motor	1.25 - 1.8 kW
Hydraulic motor	1.5 kW
Size	2731 x 1989 x 1950 L x W x H mm
Weight	1110 kg

Ref. No.	Description	Content	Ref. No.	Description	Content
519 9800	PROMAXX 9156, Arm version	1	519 9810	PROMAXX 9156A, Arm version	1
519 9805	PROMAXX 9156, Cable version	1	519 9815	PROMAXX 9156A, Cable version	1

## TYRE CHANGERS TRUCK Tyre changers PROMAXX truck line

#### PROMAXX 9160

- Automatic tyre changer for light truck/truck tyres as well as agricultural and EM tyres up to max. diameter 60" and width 1600 mm
- Robust construction and sturdy design guarantee high stability even when handling large wheels
- Hydraulic clamping of rim by means of universal multi-stage chuck
- Three rotating speeds
- Suitable for retreading applications
- Simultaneous traversing of tool arm and chuck carriage enables fast operation
- Hydraulic lifting, lowering and rotation of tool
- Double speed on all hydraulic movements
- Stand-by mode
- Available with 2 diffent control units

- 4 Clamping arm extensions
- 1 Standard mounting lever
- 1 Mounting lever, long
- 1 Bead holding clamp

Clamping range	11 - 60 Inch
Wheel dia.	2700 mm
Wheel width	1600 mm
Wheel weight	2000 kg
Breaking force	30000 N
Clamping force	5500 Nm
Clamping range, rim central hole	110 mm
Speed	1/4/8 rpm
Electric power/connection	400/50/3 V/Hz/Ph
Electric motor	2.2 kW
Hydraulic motor	3.3 - 4.0 kW
Size	3230 x 2385 x 2082 L x W x H mm
Weight	1400 kg

Ref. No.	Description	Content
519 9820	PROMAXX 9160, Arm version	1
519 9825	PROMAXX 9160, Cable version	1



## TYRE CHANGERS TRUCK Tyre changers PROMAXX truck line

#### PROMAXX 9160 Matic

- Top version of the 9160 series
- Work times and the risk of damage to the rim are significantly reduced
- Automated movements reduce fatigue and increase operating speed and accuracy
- "Leva la Leva" (leverless) demounting of tyre
- "Side to Side" automatic traversing of tool arm
- Hydraulic bead breaker disc movement, permits perfect adjustment of bead breaking angle
- Integrated display shows rim diameter setting and tool position on the determined tangents
- Wireless mobile control unit

### Scope of delivery:

- 4 Clamping arm extensions
- 1 Standard mounting lever
- 1 Mounting lever, long
- 1 Bead holding clamp



Clamping range	14 - 60 Inch
Wheel dia.	2700 mm
Wheel width	1600 mm
Wheel weight	2000 kg
Breaking force	30000 N
Clamping force	5500 Nm
Clamping range, rim central hole	110 mm

Speed	1/4/8 rpm
Electric power/connection	400/50/3 V/Hz/Ph
Electric motor	2.2 kW
Hydraulic motor	3.3 - 4.0 kW
Size	3230 x 2385 x 2082 L x W x H mm
Weight	1400 kg

Ref. No.		ntent
519 9830	PROMAXX 9160 Matic	1

### Accessories - PROMAXX truck

Ref. No.	Description Content
	Radio kit for PROMAXX 9156A, cable version 1
	Radio kit for PROMAXX 9160, cable version
	Alloy clamping ring 161
589 2855	Alloy clamping ring 202
	Alloy clamping ring 221
589 2865	Alloy clamping ring 281

## TYRE CHANGERS TRUCK Accessories - PROMAXX truck



## Mounting lubricants for truck tyres

Ref. No.	Description	Length of handle	Dia.	Content
593 0515	REMAXX TRUCK			5 kg bucket
593 5541	REMAXX Demounting fluid			5 I can
593 0618	Special brush truck	300 mm	50 mm	1

## Accessories - PROMAXX tyre changers truck

Ref. No.	Description	Clamping range, rim central hole	Content
519 9460	Clamping jaw extension		1
519 9490	Alloy ring 22.5", yellow zinc-coated Simple system for clamping alloy truck and bus rims - Prevents damage because there is no direct contact between the clamping jaw and rim		1
519 9480	Set of alloy rings, yellow zinc-coated Simple system for clamping alloy truck and bus rims - Different rim sizes can be professionally clamped in a careful and time-saving manner - Prevents damage because there is no direct contact between the clamping jaw and rim	174/201/229/280 mm	4
570 0200	Special tyre lever for trucks		1
519 3606	Bead holding clamp, for alloy rims	••••••	1



## SE-UNIMONT for industrial tyres

- Safe, quick and easy mounting/demounting even of difficult SE tyres and steel banded solids
- Mobile tool trolley (optional) for convenient and space-saving storage of all accessories
- Handling through top plate opening

- The machine works electro-hydraulically
- Swivelling, electric lifting device included in standard equipment
- Tools must be ordered separately and as required

	5191206	5191268	5191172	5191197
SE tyres	max. 355/65-15 Inch	12.00 - 20 Inch	12.00 - 20 Inch	16.00 - 25 Inch
Breaking force	60 t	60 t	100 t	180 t
Electric power/connection	400 V	400 V	400 V	400 V
Operating pressure	200 bar	200 bar	315 bar	360 bar
Electric motor, standard mo	del	4.0 kW	4.0 kW	4.2 kW
Electric motor, fast gear	2.2 kW	2.2 kW	2.2 kW	2.2 kW
Post span	900 mm	1230 mm	1230 mm	1600 mm
Cylinder movement	500 mm	500 mm	500 mm	735 mm
Shipping weight	1000 kg	1120 kg	1350 kg	3000 - 4000 kg
Floor recess				required

Ref. No.	Description	Content
	SE-UNIMONT 8 - 15", 60 t	1
	SE-UNIMONT 8 - 20", 60 t	1
519 1172	SE-UNIMONT 8 - 20", 100 t	1
	SE-UNIMONT 8 - 25", 180 t	]

# INDUSTRIAL TYRE CHANGERS Industrial tyre changers



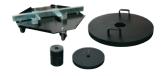
## Tools for industrial tyres

Ref. No.	Description	Content
519 1213	Fast gear	7
519 1299	SE accessory set Included in delivery: 5 inserting rings; 3 pressure plates; 4 centering pins; 1 spacer 8/9"	1
519 1378	SE rim flange pressure plate, 15" Avoids deformation of rim discs with combi-ring (1-piece and 2-piece locking rings)	1
519 1244	SE rim flange pressure plate, 20" Adapter ring for SE pressure plate 20"	1
519 1354	SE adapter ring, 20"/15"	1
571 5084	SE adapter ring, 24"/15"	1
571 5077	SE adapter ring, 24"/20"	1
571 5110	SE adapter ring, 25"/15"	1
571 5120	SE adapter ring, 25"/20"	1
519 1361	SE pressure plate, 20"	1
571 5060	SE pressure plate, 24"	1
571 5140	SE pressure plate, 25"	1
519 1017	SE flange ring pressure tool No. 1 - 8, 8 - 15" For easy demounting of the locking ring	8
519 1024	SE flange ring pressure tool No. 8a, 15"/16" (Japan tyres)	1
519 1330	SE flange ring pressure tool No. 9, 20"	1
519 1309	SE mounting tool No. 1 - 8, 8 - 15" For pressing in the tapered rings	8
519 1347	SE mounting tool No. 9, 20"	1
519 1251	SE mounting tool No. 9a, 20", for Combi-ring	1
519 1220	SE centering ring no. 1 - 8, 8 - 15" Precise mounting of SE tyres, e.g. Conti-SIT	8
519 1237	SE centering ring No. 9, 20"	1

# INDUSTRIAL TYRE CHANGERS Industrial tyre changers

## SIT rings

Ref. No.	Description	Rim dia.	Content
519 0836	SIT demounting ring No. 1	8 Inch	1
519 0843	SIT demounting ring No. 2	8 Inch	1
519 0850	SIT demounting ring No. 3	9 Inch	7
519 0867	SIT demounting ring No. 4	10 Inch	7
519 0874	SIT demounting ring No. 5	12 Inch	1
519 0881	SIT demounting ring No. 6	12 Inch	1
519 0898	SIT demounting ring No. 7	13 Inch	1
519 0908	SIT demounting ring No. 8	15 Inch	1
519 0915	SIT demounting ring No. 9	20 Inch	1
519 1055	Set of SIT demounting rings, plastic in workshop box		9



519 1086

## Tools for steel banded solids

Ref. No.	Description	Width	Height	Content
519 1275	Closure plate <b>Suitable for:</b> SE-UNIMONT 8 - 15" 60 t; SE-UNIMONT 8 - 20" 60 t			1
519 1189	Closure plate <b>Suitable for:</b> SE-UNIMONT 8 - 20" 100 t			1
571 5091	Closure plate 24" <b>Suitable for:</b> SE-UNIMONT 8 - 24" 180 t			1
571 5150	Closure plate 25" <b>Suitable for:</b> SE-UNIMONT 8 - 25" 180 t			1
519 1086	Sliding carriage for closure plate <b>Suitable for:</b> SE-UNIMONT 8 - 15" 60 t; SE-UNIMONT 8 - 20" 60 t;  SE-UNIMONT 8 - 20" 100 t;  SE-UNIMONT 8 - 24" 180 t			1
519 1282	Spacer, for wheel bodies smaller than 200 mm <b>Suitable for:</b> SE-UNIMONT 8 - 15" 60 t; SE-UNIMONT 8 - 20" 60 t; SE-UNIMONT 8 - 20" 100 t; SE-UNIMONT 8 - 24" 180 t	99 mm	130 mm	1
519 1062	Set of pressure plates No. 2 - 16 For precise centering of the wheel body <b>Suitable for:</b> SE-UNIMONT 8 - 15" 60 t; SE-UNIMONT 8 - 20" 60 t			15
519 1079	Set of pressure plates No. 2 - 19 <b>Suitable for:</b> SE-UNIMONT 8 - 20″ 100 t			18

# INDUSTRIAL TYRE CHANGERS Industrial tyre changers











593 0388

593 0120

593 0508

593 0618

519 1385

## Accessories - Industrial tyres and steel banded solids

Ref. No.	Description	Length	Length of handle	Dia.	Content
519 1385	SE tool trolley Mobile, space-saving and well-arranged (colour coded) storage of all SE tools				1
519 1031	SE tyre levers <b>Suitable for:</b> Professional mounting of SE tyres	•			2
570 9300	Tyre lever 305 mm <b>Suitable for:</b> Ring rims with small diameter	300 mm			1
570 9320	Tyre lever 500 mm <b>Suitable for:</b> Ring rims with small diameter	500 mm			1
593 0388	REMAXX LUBRICANT-SE				1 I bottle
593 0120	Spray bottle For applying liquid bead lubricant for industrial tyres etc. - Not suitable for solvents	•		•	500 ml
593 0508	REMAXX CREME-W	••••••		•	5 kg PE bucket
593 0618	Special brush truck	•••••••	300 mm	50 mm	1
593 1961	Brush head, round	***************************************	•••••	50 mm	]

## MOUNTING TOOLS AND EQUIPMENT Wheel removers



## Wheel remover, mechanical

- Economic, compact and easy-to-use alternative to the common hydraulic wheel/tyre removers
- Thanks to its low weight, it is especially suitable for the mobile tyre service
- No pump is required
- Set in between the tyre/rim and the vehicle body the wheel is loosened by turning the hexagon head of the threaded rod with a fork wrench

Ref. No.	Description	Content
519 1505	Wheel remover, mechanical	1

### Wheel/tyre remover

• Used for loosening frozen wheels from the vehicle

- Integrated bead breaking shovel for tubeless 14/80 R 20 tyres on combi-ring rims
- Chassis adjustable in height, four castors
- Operation with hydraulic pumps 5191512 or 5191529
- Pump not included with the tool

Ref. No.	Description	Height	Breaking force	Weight	Length	Content
519 1536	Wheel/tyre remover <b>Suitable for:</b> Twin axles and pilote tyres, also on jumbo axles	max. 420 mm	8 t	40 kg	1125 mm	1
519 1543	Chassis for wheel/tyre remover For retrofitting older wheel/tyre removers for Jumbo axles					1

### Hydraulic pumps

Ref. No.	Description C	Content
519 1512	Hand/foot pump, hydraulic	1
519 1529	Foot pump, pneumatic-hydraulic	1

## MOUNTING TOOLS AND EQUIPMENT Tyre test tanks for cars, trucks





519 3967

519 3943

## Tyre test tank truck

- Efficient, safe and convenient testing of car, truck, tractor and EM tubeless tyres as well as inner tubes
- Mobile lift which can move pallets up to 600 kg (with optional forks)
- Can be detached from the test tank
- Overall height, with lift extended: max. 3600 mm

	5193967
Wheel dia.	max. 2000 mm
Wheel width	max. 700 mm
Tube dia.	max. 2000 mm
Tube width	max. 700 mm
Operating pressure	6 - 12 bar
Wheel weight	max. 600 kg
Water volume	600 I
Overall height	max. 3600, with lift extended mm
Lifting height	max. 1550 mm

Ref. No.	Description	Content
519 3967	Tyre test tank truck, with lift	1
519 3998	Tyre test tank truck, separate	1
519 3974	Forks <b>Suitable for:</b> Lifting pallets	2

## Tyre test tank car

- Low space requirement
- Loaded with wheel lift

	5193943
Operating pressure	8 - 10 bar
Wheel width	max. 350 mm
Cylinder movement	max. 660 mm
Wheel dia.	max. 720 mm
Tube width	max. 350 mm
Tube dia.	max. 720 mm
Tank diameter	880 mm

Ref. No.	Description	Content
519 3943	Tyre test tank car	1

## WHEEL BALANCERS MOTORCYCLE Wheel balancers motorcycle

### PROBALANCE MOTO 7010 / 7020

- Hand-spin wheel balancer with manual wheel brake (version 7020)
- Motorised wheel balancer with wheel brake (version 7020)
- The wheel is mounted on the stationary shaft and spins on its own bearings
- Assembly on the motorcycle is simulated, eliminating all inaccuracies
- No remount error
- Flange is universally adjustable for all wheels with bearings
- Automatic detection of wheel distance and diameter speeds up the balancing operation (version 7020)
- Adapter for balancing single sided swing-arm wheels available

- 1 Wheel shaft, dia. 15 mm, incl. spacers and clamping nut
- 1 Set of centering bushes for shaft diameter 15 mm
- 1 Caliper
- 1 Power transformer 230/12 V
- 1 Connection cable for external power supply 12/24 V
- 1 User's manual

	5187250
Rim width	1.5 - 20 Inch
Rim dia.	10 - 30 Inch
Wheel width	max. 510 mm
Wheel dia.	max. 1067 mm
Wheel weight	max. 60 kg
Measuring cycle	6 - 8 sec
Speed	> 80 rpm
Electric power/connection	115-230/50-60/1 V/Hz/Ph
Size	828 x 670 x 1009 W x D x H mm
Weight	100 kg

Ref. No.	Description	Content
518 7250	PROBALANCE MOTO 7010	1
518 7260	PROBALANCE MOTO 7020	1





## WHEEL BALANCERS MOTORCYCLE Adapters for motorcycles, scooters, quads

### Adapters and Shafts

•••••	·	•••••••••••••••••••••••••••••••••••••••
Ref. No.	Description	Content
518 6920	Adapter for single-sided swing arm wheels  Suitable for:  PROBALANCE 7010; PROBALANCE 7020	1
518 6930	Motorcycle shaft, 12 mm <b>Suitable for:</b> PROBALANCE 7010; PROBALANCE 7020	1
518 6900	Motorcycle shaft, 15 mm <b>Suitable for:</b> PROBALANCE 7010; PROBALANCE 7020	1
518 6910	Set of centering sleeves  Suitable for:  PROBALANCE 7010; PROBALANCE 7020	1



### PRO BIKE II Standard

- Motorcycle clamping devices for car wheel balancers
- The PRO BIKE Standard module provides an excellent kit for balancing a wide range of motorcycle wheels
- For wheels from 10 inches in diameter
- Scope of delivery:
- 1 Base plate
- 1 Motorcycle shaft, 14 mm
- 2 Centering cones, 15 30 mm

- Optimised connection to balancer
- Clamping of scooter wheels without additional jaws
- Optional centering sets
- No spacers required between centering sleeve and base plate
- Modular upgrading
- 16 Centering sleeves, 15 28 mm
- 1 Quick-Fix, 19 mm
- 1 Wall board Standard
- 1 Pin spanner

Ref. No.	Description	Content
518 6530	PRO BIKE II Standard <b>Suitable for:</b> PROBALANCE/P	1
518 6540	PRO BIKE II Standard <b>Suitable for:</b> Conical shaft	1



#### PROBALANCE 740

- Hand-spin wheel balancer with digital display for car wheels
- Light truck and motorcycle equipment optional
- Manual entry of wheel data via keypad
- ALU-M programme for manual positioning of adhesive weights in the wheel bowl
- Optimisation and split programmes for hidden spoke placement
- A wheel guard is not necessary, as balancing speed is below 100 rpm
- Space-saving transport in mobile service vehicle
- · Low weight, small dimensions
- External power supply with 12/24 V is possible

- 1 Quick nut with clamping hood
- 3 Cones, 43 110 mm
- 1 User's manual
- 1 Rim width caliper

	5187416
Shaft dia.	40 mm
Rim width	1.5 - 20 Inch
Rim dia.	10 - 24 Inch
Wheel width	max. 500 mm
Wheel dia.	max. 1067 mm
Wheel weight	max. 75 kg
Measuring cycle	6 - 8 sec
Speed	< 100 rpm
Electric power/connection	115-230/50-60/1 V/Hz/Ph
Size	500 x 878 L x W mm
Weight	70 kg

Ref. No.	Description	Content
518 7416	PROBALANCE 740	1



## PROBALANCE 7120

- Hand-spin wheel balancer with digital display for car wheels
- Mobile solution
- Light truck and motorcycle equipment optional
- Manual entry of wheel data via keypad
- ALU-M programme for manual positioning of adhesive weights in the wheel bowl
- Optimisation and split programmes for hidden spoke placement
- A wheel guard is not necessary, as balancing speed is below 100 rpm
- Space-saving transport in mobile service vehicle by folding away the wheel shaft into the center
- External power supply with 12/24 V is possible

- 1 Quick nut with clamping hood
- 3 Cones, 43 110 mm
- 1 User's manual
- 1 Caliper

	5187200
Shaft dia.	40 mm
Rim width	1.5 - 20 Inch
Rim dia.	10 - 24 Inch
Wheel width	max. 500 mm
Wheel dia.	max. 1067 mm
Wheel weight	max. 75 kg
Measuring cycle	6 - 8 sec
Speed	< 100 rpm
Electric power/connection	115-230/50-60/1 V/Hz/Ph
Size	500 x 841 L x W mm
Weight	80 kg

Ref. No.	Description	Content
518 7200	PROBALANCE 7120	1







# PROBALANCE 7310/7320

- Compact car wheel balancer with digital display
- Optional accessories for balancing light truck and motorcycle wheels
- Optimisation programme and SPLIT programme for hidden spoke placement
- A wheel guard is not compulsory (but available on request), as balancing speed is below 100 rpm

- 1 Quick nut with clamping hood
- 3 Cones, 43 110 mm
- 1 User's manual
- 1 Rim width caliper

Shaft dia.	40 mm
Rim width	1.5 - 20 Inch
Rim dia.	10 - 26 Inch
Wheel width	max. 510 mm
Wheel dia.	max. 870 mm
Wheel weight	max. 75 kg
Measuring cycle	6 - 8 sec
Speed	< 100 rpm
Electric power/connection	125-230/50-60/1 V/Hz/Ph
Size	938 x 1222 (with wheel guard) L x W mm
Weight	85 kg

Ref. No.	Description	Content
518 8550	PROBALANCE 7310 Manual entry of wheel data via keypad - ALU-M programme for manual positioning of adhesive weights in the wheel bowl	1
518 8600	PROBALANCE 7320 Automatic entry of wheel data for distance and diameter by means of measuring arm - ALU-M programme is started automatically while wheel data are recorded, accelerating the workflow	1
518 7171	Wheel guard PB 7310/7320	1





## PROBALANCE 7325

- Compact wheel balancer with 17" flat screen for car wheels
- Light truck and motorcycle equipment optional
- AWA software, automatic width approximation reduces manual data entry
- Optimisation and SPLIT programmes for hidden spoke placement
- Pedal-operated brake

- 1 Quick nut with clamping hood
- 3 Cones, 45 110 mm
- 1 Wheel guard
- 1 Rim width caliper
- 1 User's manual

Shaft dia.	40 mm
Rim width	1.5 - 20 Inch
Rim dia.	10 - 30 Inch
Wheel width	max. 510 mm
Wheel dia.	max. 1067 mm
Wheel weight	max. 75 kg
Measuring cycle	4.7 sec
Speed	100 rpm
Electric power/connection	115-230/50-60/1 V/Hz/Ph
Size	1230 x 990 L x W mm
Weight	90 kg

Ref. No.	Description	Content
518 8680	PROBALANCE 7325	1



## PROBALANCE 7610

- Car wheel balancer for professionals
- Multifunctional digital touch screen
- Ergonomic design
- Very short "floor-to-floor" time due to extremely fast operations
- Optional accessories for balancing light truck and motorcycle wheels
- New automatic measuring arm for entry of distanceand diameter of rims up to 30"
- LA-Sonar for automatic wheel width measurement
- LED illumination of working space inside the rim
- New spotter laser indicates the position surveyed with the gauge during the measurement of distance and diameter for the application of stick-on weights inside the rim. Thanks to the electric brake, detecting the exact angular position, the new spotter laser ensure extreme accuracy, avoiding any possible error during the positioning of stick-on weights inside the rim

#### Scope of delivery:

- 1 Quick nut with clamping hood (7610)
- 1 Pneumatic flange with clamping hood (7610 P)
- 3 Cones, 43 110 mm
- 1 User's manual
- 1 Wheel guard
- 1 Rim width caliper

Shaft dia.	40 mm
Rim width	1.5 - 20 Inch
Rim dia.	10 - 30 Inch
Wheel width	max. 510 mm
Wheel dia.	max. 1016 mm
Wheel weight	max. 75 kg
Measuring cycle	4.7 sec
Speed	100 rpm
Electric power/connection	115-230/50-60/I V/Hz/Ph
Size	1390 x 1265 L x W mm
Weight	120 kg

Ref. No.	Description	Content
518 7610	PROBALANCE 7610	1
518 7615	PROBALANCE 7610 P	1

- Electric brake system locks the wheel in the balancing position
- Full range of programmes for static and dynamic wheel balancing
- SPLIT programme for hidden weight placement without entry of the number of spokes
- Space-saving wheel guard allows installation of machine close to the wall

#### PROBALANCE 7610 P

Pneumatic wheel clamping



#### PROBALANCE 7620

- Car wheel balancer for professionals
- 17" touch-screen monitor
- Ergonomic design
- Very short "floor-to-floor" time due to extremely fast operations
- Optional accessories for balancing light truck and motorcycle wheels
- New automatic measuring arm for entry of distance and diameter of rims up to 30"
- LA-Sonar for automatic wheel width measurement
- LED illumination of working space inside the rim
- New spotter laser indicates the position surveyed with the gauge during the measurement of distance and diameter for the application of stick-on weights inside the rim. Thanks to the electric brake, detecting the exact angular position, the new spotter laser ensure extreme accuracy, avoiding any possible error during the positioning of stick-on weights inside the rim
- Scope of delivery:
- 1 Quick nut with clamping hood (7620)
- 1 Pneumatic flange with clamping hood (7620 P)
- 3 Cones, 45 110 mm
- 1 User's manual
- 1 Wheel guard
- 1 Rim width caliper

- Electric brake system locks the wheel in the balancing position
- Full range of programmes for static and dynamic wheel balancing
- SPLIT programme for hidden weight placement without entry of the number of spokes
- Space-saving wheel guard allows installation of machine close to the wall

#### PROBALANCE 7620 P

- Pneumatic wheel clamping
- 12 o'clock double laser pointer for correct positioning of balancing weights

Shaft dia.	40 mm
Rim width	1.5 - 20 Inch
Rim dia.	10 - 30 Inch
Wheel width	max. 510 mm
Wheel dia.	max. 1016 mm
Wheel weight	max. 75 kg
Measuring cycle	4.7 sec
Speed	100 rpm
Electric power/connection	115-230/50-60/1 V/Hz/Ph
Size	1390 x 1265 L x W mm
Weight	120 kg

Ref. No.	Description	Content
518 7620	PROBALANCE 7620	1
518 7625	PROBALANCE 7620 P	1



## PROBALANCE 7630

- Car wheel balancer for professionals
- 17" touch-screen monitor
- Pneumatic wheel clamping
- Ergonomic design
- Very short "floor-to-floor" time due to extremely fast operations
- Optional accessories for balancing light truck and motorcycle wheels
- Automatic, non-contacting recording of all wheel dimensions: LA-Sonar for automatic wheel width measurement; automatic entry of distance and diameter by means of laser system
- LED illumination of working space inside the rim
- Electric brake system locks the wheel in the balancing position
- Laser spot for correct placement of adhesive weights
- Scope of delivery:
- 1 Pneumatic flange with clamping hood
- 3 Cones, 45 110 mm
- 1 User's manual
- 1 Wheel guard

Shaft dia.	40 mm
Rim width	1.5 - 20 Inch
Rim dia.	10 - 30 Inch
Wheel width	max. 510 mm
Wheel dia.	max. 1016 mm
Wheel weight	max. 75 kg
Measuring cycle	4.7 sec
Speed	100 rpm
Electric power/connection	115-230/50-60/1 V/Hz/Ph
Size	1390 x 1390 L x W mm
Weight	120 kg
	•

Ref. No.	Description	Content
518 7630	PROBALANCE 7630 P	1

- 12 oʻclock double laser pointer for correct positioning of balancing weights
- EMS Sonar for eccentricity measurement
- Direct rim/tyre matching
- Full range of programmes for static and dynamic wheel balancing
- SPLIT programme for hidden weight placement without entry of the number of spokes
- Space-saving wheel guard allows installation of machine close to the wall



#### PROBALANCE NG

- Wheel balancing and diagnostic system
- Complete diagnosis takes only 6 seconds: measures wheel data, unbalance values (processing of optimal values), eccentricity of tyre, rim and wheel without manual intervention
- Automatic recommendation of appropriate optimisation procedure to minimise eccentricity
- Sonar system for fully automatic recording of wheel width
- Laser pointer for fast positioning of weights in the rim
- Pneumatic flange
- Electro-magnetic wheel brake
- Includes automatic Zero Weight wheel lift

- 1 Pneumatic flange with clamping hood
- 3 Cones, 43 110 mm
- 1 User's manual
- 1 Wheel guard

Shaft dia.	40 mm
Rim width	1.5 - 20 Inch
Rim dia.	10 - 30 Inch
Wheel width	max. 510 mm
Wheel dia.	max. 1067 mm
Wheel weight	max. 75 kg
Measuring cycle	4.7 sec
Speed	100 rpm
Electric power/connection	115-230/50-60/1 V/Hz/Ph
Size	1236 x 1687 L x W mm
Weight	220 kg

Ref. No.	Description	Content
518 8670	PROBALANCE NG	1
518 8671	PROBALANCE NG (without lift)	1



# WHEEL LIFT PROBALANCE

- Separate wheel lift for heavy car and light truck wheels
- Finely adjustable pneumatic lift with integrated carriage
- Eases accurate centering and locking of the wheel
- Integrated electronic system with PLC
- Can be used with any wheel balancer

	5189155
Size	980 x 760 L x W mm
Operating pressure	6.5 bar
Lifting height	520 mm
Wheel weight	max. 80 kg
Electric power/connection	115-230/50-60/1 V/Hz/Ph

Ref. No.	Description	Content
518 9155	Zero Weight wheel lift PROBALANCE	1



Ref. No.	Description	Content
565 4470	Adhesive balance weight pliers For easy removal of adhesive weights wit- hout damage to the rim	1
565 4468	Adhesive balance weight remover High-quality, durable plastic	1
593 3990	REMAXX EXive	500 ml





565 4470



593 3990

# WHEEL BALANCERS CAR, LIGHT TRUCK Adapters for cars, light trucks









518 6240

519 9950

# Adapters for cars, light trucks

Ref. No.	Description	Dia.	Hole circle/No. of holes	Content
518 6857	Stepped cone <b>Suitable for:</b> Shaft 40 mm	56 - 66 - 71.5 mm		1
518 6870	Stepped cone for BMW <b>Suitable for:</b> Shaft 40 mm	57 - 72.5 - 74 mm		1
518 6170	DUO-Expert system case <b>Suitable for:</b> Shaft 40 mm	54 - 75 mm		500 ml
518 8903	J-cone <b>Suitable for:</b> Shaft 40 mm	101 - 119 mm		1
518 8910	VL-cone For use with 518 8927 <b>Suitable for:</b> Shaft 40 mm	97 - 170 mm		1
518 8140	3-arm clamping star For use with 518 8927 <b>Suitable for:</b> Shaft 40 mm		170/184.15/205/222.25/245 mm	1
518 8927	Spacer G36 Suitable for: VL-cone and 3-arm clamping star			1
518 6240	Adapter plate light alloy rim RL 2, 40 mm shaft <b>Suitable for:</b> PROBALANCE			]
518 6589	Clamping hood light alloy rims, 40 mm shaft <b>Suitable for:</b> PRO-GRIP			1
518 6455	Quick nut, 40 x 4 mm shaft			7
518 6132	Clamping hood PRO-GRIP, 40 mm shaft			]
518 6250	Spare rubber <b>Suitable for:</b> Adapter plate light alloy rims RL 2			]
519 9950	Caliper	••••••	•••••	7

# WHEEL BALANCERS CAR, LIGHT TRUCK Adapters for cars, light trucks





518 9036

# Universal flange

- For wheels with 3-4-5-6 holes (pitch circle  $\emptyset$  95 210 mm) with/without central hole
- Suitable for: PROBALANCE

- Suitable for Renault, Peugeot, Citroen
- Back centering double cone for high precision
- Centering errors are significantly reduced

Ref. No.	Description	Clamping range	Bolt length	Content
518 6125	Universal flange UH 20/2, 3-4-5 hole <b>Suitable for:</b> PROBALANCE	95 - 210 mm	68/86 mm	1
0.0000	Fix cones M 10 x 1.25 <b>Suitable for:</b> Universal flange			5

# Flange plate adapters for cars, off-road vehicles

- Stud adapter for rim protection and high-precision centering for 4 or 5 hole rims
- With centering studs that use two spring washers, guarantees uniform pressure on all points
- Flange plate adapters are supplied with two stud lengths

Ref. No.	Description	Bolt length	Pitch circle dia.	Content
518 8958	Flange plate adapter SR4, 4-hole <b>Suitable for:</b> PROBALANCE	68/86 mm	98 - 100 - 108 - 110 - 114.3 - 120 - 130 mm	1
518 8965	Flange plate adapter SR5, 5-hole <b>Suitable for:</b> PROBALANCE	68/86 mm	100 - 108 - 112 - 114.3 - 120 - 139.7 - 160 mm	1
518 8972	Flange plate adapter SR5/2, 5-hole <b>Suitable for:</b> PROBALANCE	68/86 mm	98 - 110 - 118 - 120.65 - 127 - 130 - 140 mm	1
518 9029	Flange plate adapter SR-USA Off-Road, 3-4-5-6 hole <b>Suitable for:</b> PROBALANCE	50/80 mm	101.6 - 114.3 - 130 - 139.7 - 165.1 - 170 mm	1
518 8989	Flange plate adapter SR4-SE2, 4-hole <b>Suitable for:</b> PROBALANCE P	68/86 mm	98 - 100 - 108 - 110 - 114.3 - 120 - 130 mm	1
518 8996	Flange plate adapter SR5-SE2, 5-hole <b>Suitable for:</b> PROBALANCE P	68/86 mm	100 - 108 - 112 - 114.3 - 120 - 139.7 - 160 mm	1
518 9005	Flange plate adapter SR5/2-SE2, 5-hole <b>Suitable for:</b> PROBALANCE P	68/86 mm	98 - 110 - 118 - 120.65 - 127 - 130 - 140 mm	1
518 9036	Flange plate adapter SR-USA-SE2 off-road, 3-4-5-6 hole <b>Suitable for:</b> PROBALANCE P	50/80 mm	101.6 - 114.3 - 130 - 139.7 - 165.1 - 170 mm	1

# WHEEL BALANCERS CAR, LIGHT TRUCK Adapters for cars, light trucks







# Universal flange plate adapters

- For rim protection and high-precision centering
- Suitable for all 3, 4, 5 and 6 hole rims
- Infinitely adjustable bolt circle from 75 to 210 mm
- Supplied with long and short studs for different rim types
- With centering studs that use two spring washers, guarantees uniform pressure on all points

Ref. No.	Description Cont	ent
	Universal flange plate adapter SRU345  Suitable for:  PROBALANCE	1
	Universal flange plate adapter SRU345-SE  Suitable for:  PROBALANCE P	1

# Wall board for flanges

- Wall boards for safe storage of different flanges
- Keeps all flanges within easy reach at the workplace

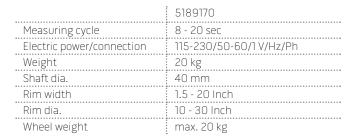
Ref. No.	Description	Size C	ontent
	Wall board, large	1100 x 600 L x W mm	1
	Wall board, small	507 x 574 L x W mm	1

# WHEEL BALANCERS TRUCK Wheel balancers truck

## PROBALANCE 7930 PAGURO

- Innovative, space-saving, hand-spin balancer for truck and bus wheels
- Machine is mounted on a truck tyre changer
- Manual entry of wheel data via keypad
- Manual wheel spinning
- Portable digital display
- Powered by rechargeable batteries with separate power supply (220 V, 12 V and 24 V)

- 1 Truck flange package
- 15-arm clamping star
- 14-arm clamping star
- 1 Adapter flange
- 5 Centering arbours
- 1 Clamping nut



Ref. No.	Description	Content
518 9170	PROBALANCE 7930 PAGURO	1





# WHEEL BALANCERS TRUCK Wheel balancers truck

#### PROBALANCE 7910

- Mobile hand-spin balancer for light commercial, truck, bus and passenger car wheels
- Manual entry of wheel data via keypad
- Manual wheel spinning by means of a handle with mechanical reduction gear to turn heavy vehicle wheels
- Wheel centring by means of spindle
- A wheel guard is not necessary, as balancing s peed is below 100 rpm
- ALU-M programme for manual positioning of adhesive weights in the wheel bowl
- Optimisation and split programmes for hidden spoke placement
- External power supply with 12/24 V is possible

- 1 Truck flange package
- 15-arm clamping star
- 1 4-arm clamping star
- 1 Adapter flange
- 5 Centering arbours
- 5 Nuts
- 1 Spacer G40
- 3 Cones, 43 69 mm, 60 81 mm, 79 110 mm
- 1 Light truck cone, 97 170 mm
- 1 Clamping nut
- 1 Clamping hood
- 1 Rim width caliper

	5189160
Measuring cycle	8 - 20 sec
Size	875 x 1210 L x W mm
Electric power/connection	115-230/50-60/1 V/Hz/Ph
Weight	150 kg
Loading capacity	250 kg
Shaft dia.	40 mm
Rim width	1.5 - 20 Inch
Rim dia.	10 - 26.5 Inch
Wheel weight	max. 250 kg
Wheel dia.	max. 1300 mm

Ref. No.	Description	Content
518 9160	PROBALANCE 7910	1





# WHEEL BALANCERS TRUCK Wheel balancers truck

## PROBALANCE 7920

- Mobile motor-driven balancer for truck, light commercial, bus and car wheels
- Automatic entry of wheel data for distance and diameter by means of measuring arm
- Manual entry of wheel width
- Manual position brake
- Wheel centering by means of pneumatic lift
- A wheel guard is not necessary, as balancing speed is below 100 rpm
- ALU-M programme for manual positioning of adhesive weights in the wheel bowl
- Optimisation and split programme for hidden spoke placement

- 1 Truck flange package
- 15-arm clamping star
- 1 4-arm clamping star
- 5 Adapter flange
- 5 Centering bolts
- 1 Nuts
- 3 Spacer G40
- 1 Cones, 43 69 mm; 60 81 mm; 79 110 mm
- 1 Light truck cone, 97 170 mm
- 1 Clamping nut
- 1 Clamping hood
- Rim width caliper

	5189300
Shaft dia.	40 mm
Rim width	1.5 - 20 Inch
Rim dia.	10 - 28 Inch
Wheel dia.	max. 1285 mm
Wheel weight	max. 200 kg
Loading capacity	250 (Lift) kg
Measuring cycle	8 - 20 sec
Electric power/connection	115-230/50-60/1 V/Hz/Ph
Operating pressure	8 - 10 bar
Size	1200 x 1650 L x W mm
Weight	204 kg

Ref. No.	Description	Content
518 9300	PROBALANCE 7920	1





# WHEEL BALANCERS TRUCK Adapters for trucks

# Adapters for trucks

#### Scope of delivery:

- 1 Adapter (comp. No. GG 940010105)
- 1 Cone IV, Ø 202/221 mm (Comp. No. 40FF43748)
- 1 Cone V, Ø 281 mm (Comp. No. 40FF43747)

	*		
Ref. No.	Description	Hole circle/No. of holes	Content
518 9450	Truck adapter set ECO		1
518 8140	3-arm clamping star For use with 518 8927	70/184.15/205/222.25/245 mm	1



518 8140

# ON-CAR BALANCER

# PROBALANCE 725

- On-car balancer for cars, light trucks, trucks and buses
- For balancing mounted wheels and their connected rotating components directly on the vehicle
- Suitable for all kinds of drive
- Imbalance is determined to +/- 1 gramme accuracy by means of an infrared measuring system
- Acceleration and deceleration of the wheel is achieved by a motor with two spin speeds
- Depending on the intended application, car or truck pick-ups can be used (not included in scope of delivery)



	5189210	5189177	5189201
Loading capacity	6 6 8 8	700 kg	6000 kg
Accuracy	1 %	39 9 9 9 9 9	
Weight	about 100 kg		
Electric power/connection	230-400/50-60/1 V/Hz/Ph		
Power	4 kW	* * * * * * * * * * * * * * * * * * *	

Ref. No.	Description	Content
518 9210	PROBALANCE 725	1
518 9177	Pick-up car	1
	Pick-up truck	1

# TYRE WASHERS TURBO WASH

# TURBO WASH 2700

- High-quality and efficient wheel washer for steel and alloy wheels saves time and labour costs
- Ideal for smaller to medium-size workshops and tyre services
- New nozzle geometry for improved cleaning results
- Four washing programmes
- Low water consumption thanks to closed water system
- Environmental friendly and careful cleaning method for rims

- 1 Granules, 20 kg
- 1 Granule collecting container

Wheel width	135 - 305 mm
Wheel dia.	560 - 800 mm
Wheel weight	up to 35 kg
Washing cycle	30/60/90/120 sec
Water volume	210
Pumping capacity	500 l/min
Power	6 kW
Air inlet	8 - 12 bar
Electric power/connection	400/50/3 V/Hz/Ph
Operating pressure	3 bar
Fuse protection	16/20 slow-blow A
Size	995 x 1109 x 1435 L x W x H mm
Weight	180 kg

Ref. No.	Description	Content
518 4600	TURBO WASH 2700	1



# TURBO WASH 3000 / 3500

- Top-quality wheel washer for steel and alloy wheels
- Ideal for smaller to medium-size workshops and tyre services
- Dynamic spray arm pipe for efficient washing of aluminium wheels
- Four washing programmes
- Serial with heating element
- Environmental friendly and careful cleaning method for rims
- Low water consumption thanks to closed water system
- Permanent water supply and drainage is required for the clear rinsing system

- 1 Granules, 20 kg
- 1 Granule collecting container
- 1 Heating element



	TURBO WASH 3000	TURBO WASH 3500
Wheel width	135 - 305 mm	145 - 350 mm
Wheel dia.	560 - 800 mm	560 - 850 mm
Wheel weight	up to 45 kg	up to 60 kg
Washing cycle	30/60/90/120 sec	30/60/90/120 sec
Water volume	3001	300
Pumping capacity	500 l/min	500 l/min.
Power	6 kW	6 kW
Air inlet	8 - 12 bar	8 - 12 bar
Electric power/connection	400/50/3 V/Hz/Ph	400/50/3 V/Hz/Ph
Operating pressure	3 bar	3 bar
Fuse protection	16/20 slow-blow A	16/20 slow-blow A
Size	1213 x 933 x 1433 L x W x H mm	1280 x 1050 x 1516 L x W x H mm
Weight	256 kg	300 kg

Ref. No.	Description	Content
518 4646	TURBO WASH 3000, with clear rinsing system	1
518 4647	TURBO WASH 3000, without clear rinsing system	1
518 4650	TURBO WASH 3500, without clear rinsing system	1
518 4655	TURBO WASH 3500, with clear rinsing system	1



TURBO WASH 3500

## TURBO WASH 4000

- Top-quality wheel washer offers maximum operating convenience for steel and alloy wheels
- Ideal for medium-size to large tyre services
- Fully automatic wheel washing process continuous feeding of the machine
- No manual loading/unloading needed
- Multiple wheel washing (up to 8 wheels); washing of single wheels possible
- Reduced labour costs no delay
- Heating system and water purification system integrated as standard
- Efficient, environmentally friendly and careful cleaning method for all types of rims
- Low water consumption thanks to closed water system
- Permanent water supply and drainage is required for the clear rinsing system

- 1 Granules, 20 kg
- 1 Granule collecting container
- 1 Heating element
- 2 Wheel trolley

Wheel width	135 - 350 mm
Wheel dia.	540 - 800 mm
Wheel weight	up to 45 kg
Washing cycle	30/60/90/120 sec
Water volume	3001
Power	6 kW
Air inlet	8 - 12 bar
Electric power/connection	400/50/3 V/Hz/Ph
Operating pressure	3 bar
Fuse protection	16/20 slow-blow A
Size	1020 x 1570 x 1550 L x W x H mm
Weight	350 (+56 kg per wheel trolley) kg

Ref. No.	Description	Content
518 9500	TURBO WASH 4000	1





## Accessories - TURBO WASH

Ref. No.	Description	Wheel width	Wheel weight	Content
518 9510	TURBO WASH wheel trolley <b>Suitable for:</b> TURBO WASH 4000			1
518 4639	Granules <b>Suitable for:</b> TURBO WASH series			20 kg
518 5353	Granules ECO <b>Suitable for:</b> TURBO WASH series			20 kg
593 2520	Wheel washing detergent TW Super Environment-friendly and gentle to the rim - Only 150 grams of detergent required for one 300 litre wash cycle <b>Suitable for:</b> TURBO WASH series			5 Liter
518 4378	RIM kit <b>Suitable for:</b> TURBO WASH 2500/3000			1
518 4385	Clear rinsing system Retrofittable from series 753 <b>Suitable for:</b> TURBO WASH 3000			1
518 5401	Heating element TW 3000 <b>Suitable for:</b> TURB0 WASH 2500/3000			1
518 5402	Heating element TW 2700 <b>Suitable for:</b> TURBO WASH 2700			1
518 4360	SUV-Kit Accessories kit for TURBO WASH 3000 - For professional clean- ing of wide and heavy SUV/SAV wheels <b>Suitable for.</b> All TURBO WASH 3000 machines from serial number 1972	325 mm	45 kg	1



593 2520



518 4378

# Water recycling kit - TURBO WASH

- Water recycling system with closed water circuit
- Water is purified by coagulation and filtering
- Easy handling, environmentally friendly and efficient
- Retrofittable to all TURBO WASH 3000/3500 wheel washers
- Conforms to the recommendations of Water Conservation Bureau

# Consumption per use:

- 0.5 Litre of water conditioning agent
- 1 Wire mesh filter
- 1 Hose filter

Scope of delivery: ·1 Agitator ·1 Wire mesh filter ·1 Hose filter · Water conditioning agent 500 g

		·····
Ref. No.	Description	Content
518 5360	Water recycling kit <b>Suitable for:</b> TURBO WASH 3000/3500	1
570 0990	Basket filter <b>Suitable for:</b> 518 5360	5
570 1000	Tube filter <b>Suitable for:</b> 518 5360	5
570 1070	Water conditioning agent R 12076, 5 kg <b>Suitable for:</b> 518 5360	1



# LIFTING EQUIPMENT Trolley jacks, hydraulic



# Hydraulic trolley jacks DK 20

- Constructed for professional applications
- Sturdy, reinforced framework construction for heavy loads
- Complies with the most exacting international safety standards
- All jacks are provided with an ergonomic handle and are secured against accidental lowering
- Standard fast lifting foot pedal

Ref. No.	Description	Lifting capacity	Lifting height	Length of chassis	Weight	Content
	Hydraulic trolley jack DK 20	2 t	80 - 495 mm		31 kg	1
	Hydraulic trolley jack DK 20 HLQ	2 t	80 - 795 mm		49 kg	1
571 9370	Axle tie-bar T3				•	]
571 9350	Rubber block GS-1	•			•	1

# Hydraulic trolley jacks DK 40/50/60

- Designed for professional use
- Secure and precise control for lifting and lowering, in accordance with the most exacting safety standards
- Trolley jacks with ease of maneuverability and operation due to their compact design
- With ergonomically shaped handle
- Integrated by-pass valve prevents overloading
- Standard fast lifting foot pedal

Ref. No.	Description	Lifting capacity	Lifting height	Length of chassis	Weight	Content
518 4433	Hydraulic trolley jack DK 40 Q	4 t	140 - 605 mm	800 mm	95 kg	1
518 4440	Hydraulic trolley jack DK 60 Q	6 t	140 - 605 mm	800 mm	95 kg	1
518 4464	Hydraulic trolley jack DK 50 HLQ	5 t	140 - 975 mm	1290 mm	170 kg	1
571 9360	Pneumatic rubber wheels G4					2

# LIFTING EQUIPMENT Trolley jacks, air hydraulic



# Air hydraulic trolley jack

- Universal air trolley jacks designed for all commercial vehicle applications
- Air-hydraulic lifting system for all kinds of heavy transport vehicles
- Piston is retracted automatically

- Dual descent valve ensures constant and controlled speed under load, and increased speed when not under load
- Special materials guarantee high quality and breaking strength even under the most extreme conditions

# Scope of delivery: 1 Standard extension 70/120 mm

Ref. No.	Description	Lifting capacity	Lifting height	Operating pressure	Weight	Content
519 7520	PROLIFT 214N Extremely lightweight, compact and efficient	20/10 t	140 - 306 mm	8 - 10 bar	17.5 kg	1
519 7521	PROLIFT 214P Extremely lightweight, compact and efficient - Particularly suitable for mobile service purposes	20/10 t	140 - 306 mm	8 - 10 bar	15 kg	1
519 7522	PROLIFT 214P KIT Including transportation box	20/10 t	140 - 306 mm	8 - 10 bar	24 kg	1
519 7729	PROLIFT 215N Standard jack for trucks	30/15 t	150 - 300 mm	8 - 12 bar	39 kg	1
519 7560	PROLIFT 215P Particularly suitable for mobile service purposes - Removeable handle for minimum space require- ments and light weight - High lifting capacity - Works also with the compressor on the truck	30/15 t	150 - 300 mm	8 - 12 bar	35 kg	1
519 7530	PROLIFT 217N Standard jack for trucks	30/15 t	170 - 215 mm	8 - 12 bar	41 kg	1
519 7570	PROLIFT 222N Jack for extremely heavy vehicles	60/30 t	220 - 450 mm	8 - 12 bar	69 kg	1
519 7580	PROLIFT 312 Extra-low jack for buses	60/30/15 t	120 - 255 mm	8 - 12 bar	50 kg	1
519 7620	V-saddle <b>Suitable for:</b> PROLIFT trolley jack					1
519 7590	Jack saddle, 140 mm <b>Suitable for:</b> PROLIFT trolley jack					1

# LIFTING EQUIPMENT Trolley jacks, air hydraulic



# Mammut jacks

- Special range of jacks for lifting mining, quarrying and construction site vehicles
- Safe and easy to use
- Available with lifting capacities from 30 to 150 t
- All models are hydro-pneumatically operated
- Equipped with dual descent valve for maximum possible control
- Wide pneumatic tyres and transport hooks facilitate handling and transport

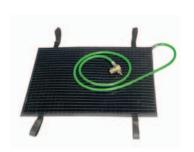
Ref. No.	Description	Lifting capacity	Lifting height	Operating pressure	Weight	Content
589 7769	PROLIFT 6022	60/30 t	447 mm	8-12 bar	100 kg	1
589 7729	PROLIFT 8031	80/50/25 t	859 mm	8-12 bar	143 kg	1
589 7727	PROLIFT 8042	80/50 t	838 mm	8-12 bar	150 kg	1
589 7770	PROLIFT 1072	100 t	1170 mm	8-12 bar	290 kg	1
589 7771	PROLIFT 1590	150 t	1460 mm	8-12 bar	385 kg	7

# Axle stands

# Cart-type axle stand for trucks

Castors allow easy placement underneath the truck or other vehicle

Ref. No.	Description	Height	Loading capacity	Adjustment step size	Content
519 1440	Axle stand, mobile	300 - 510 mm	8 t	30 mm	1
519 1457	Handle <b>Suitable for:</b> Axle stand, mobile				1







# Jacking air cushion

- Fits under any vehicle when there is no space for placing a trolley or bottle jack
- Simply drive onto the bag and lift from under the tyre
- Perfect for truck break-down service
- Easy handling
- Extremely flat height only approx. 25 mm

	5191402
Weight	12 kg
Size	620 x 520 x 25 L x W x H mm
Operating pressure	8 bar
Lifting height	305 mm
Loading capacity	24 t
Connecting thread	VG8

Ref. No.	Description Cont	tent
519 1402	Jacking air cushion	1
519 1426	Spare tube	1

# Forklift jack

# Forklift jack

- Simple and sturdy construction
- Hard chrome-plated piston rod
- With overload valve

 The scissor-type saddle is appropriate for service on forklift trucks up to 4 tons, while the cylinder saddle is used for lifting agricultural vehicles up to 5 tons

Ref. No.	Description	Loading capacity	Scissor movement	Cylinder movement	Content
518 4543	PROLIFT forklift jack 640 FJ	4/5 t	55 - 455 mm	410 - 730 mm	1

# LIFTING EQUIPMENT Short platform lifts

# PROLIFT 5307

- Electro-hydraulic scissor lift for tyre service
- Easy to handle drive-on and drive-off ramps
- Hydraulic synchronisation of platforms
- Overload safety-valve
- Safety-valve in case of sudden loss of pressure
- Automatic lowering control
- ,Dead man' controls (24 V)
- Acoustic warning in final descent phase

	5199700
Loading capacity	3 t
Lifting height	max. 980 mm
Lifting time	30 sec
Drive-over height	95 mm
Width of platform	450 mm
Arbour	1400 - 1932 mm
Overall width	1770 mm
Weight	500 kg



Ref. No.	Description	Content
519 9700	PROLIFT 5307 C	1

# Accessories - vehicle lifts

Ref. No.	Description	Size	Content
518 2370	Polymer support blocks <b>Suitable for:</b> PROLIFT series	250 x 150 x 20 L x W x H mm	1
518 2387	Polymer support blocks <b>Suitable for:</b> PROLIFT series	250 x 150 x 60 L x W x H mm	1
518 2394	Polymer support blocks <b>Suitable for:</b> PROLIFT series	250 x 150 x 90 L x W x H mm	1

# LIFTING EQUIPMENT Double scissors lifts

# PROLIFT 5302 LP

- Extra-low-profile scissor lift
- Easy to handle drive-on and drive-off ramps
- Hydraulic synchronisation of platforms
- Overload safety-valve
- Safety-valve in case of sudden loss of pressure
- Automatic lowering control
- ,Dead man' controls, 24 V
- Acoustic warning in final descent phase

	5199710
Loading capacity	3.2 t
Lifting height	1945 mm
Lifting time	35 sec
Drive-over height	105 mm
Width of platform	580 mm
Arbour	1470 - 1990 mm
Overall width	1950 mm
Weight	730 kg
Electric power/connection	400/50/3 V/Hz/Ph
Power	3.0 kW

Powel	: 3.01	: 5.0 KW		
			••••	
Ref. No.	Description	Content		
519 9710	PROLIFT 5302 LP	1		

# Accessories - vehicle lifts

Ref. No.	Description	Size	Content
518 2370	Polymer support blocks <b>Suitable for:</b> PROLIFT series	250 x 150 x 20 L x W x H mm	1
518 2387	Polymer support blocks <b>Suitable for:</b> PROLIFT series	250 x 150 x 60 L x W x H mm	1
518 2394	Polymer support blocks <b>Suitable for:</b> PROLIFT series	250 x 150 x 90 L x W x H mm	1



# LIFTING EQUIPMENT 2-post lifts





## PROLIFT 5108

- Symmetric, electro-hydraulic 2-post lift without baseframe
- Electro-mechanical locking device
- Automatic arm locking device
- Interchangeable screw pads
- Overload safety-valve, descent control valve
- . ,Dead man' controls, 24 V
- Manual or electrical command for final descent

#### PROLIFT 5108 H

Heights of posts adjustable in 2 positions (300 mm)

	5199620	5199630
Loading capacity	3.2 t	3.2 t
Lifting time	30 sec	45 sec
Overall width	3350 mm	3360 mm
Lifting height	1800 - 2025 mm	1935 mm
Arm clearance height	95 mm	95 mm
Post height	3950 - 4250 mm	3860 mm
Electric power/ connection	400/50/3	400/50/3 V/Hz/Ph
Power	2.2	2.2 kW
Weight	750 kg	710

Ref. No.	Description
519 9620	PROLIFT 5108 H
	PROLIFT 5108

# PROLIFT 5103

- Symmetric, electro-hydraulic 2-post lift without baseframe
- Electro-mechanical locking device
- Automatic arm locking device
- Interchangeable screw pads
- Overload safety-valve, descent control valve
- . ,Dead man' controls, 24 V
- Manual or electrical command for final descent

	5199610
Post height	5100 mm
Weight	880 kg
Loading capacity	4t
Arm clearance height	from 85 mm
Overall width	3370 mm
Lifting height	1950 mm
Lifting time	35 sec
Electric power/ connection	400/50/3 V/Hz/Ph
Power	2.2 kW

Ref. No.	Description C	Content
	PROLIFT 5103	1



# PROLIFT 5206

- Particularly rigid, electro-hydraulic 4-post lift for wheel alignment
- Front recesses for turn plates
- Rear slip plates integrated into runway
- Safety device in case of rope failure
- Overload safety-valve, safety valve in case of sudden loss of pressure, descent control valve
- Electrically controlled fail safety device
- Automatic descent control
- Acoustic warning in final descent phase

	5199650	5199660
Loading capacity	5 t	5 t
Drive-on height	155 mm	190 mm
Overall width	3210 mm	3310 mm
Width	2970 (inside) mm	2970 (inside) mm
Overall length	6285 mm	6250 mm
Length of track	5000 mm	4910 mm
Width of track	460 mm	680 mm
Lifting height	1950 mm	1830 mm
Lifting time	35 sec	45 sec
Weight	1060 kg	1940 kg
Lifting capacity, lift table	without lift table	4 t
Electric power/ connection	400/50/3 V/Hz/Ph	400/50/3 V/Hz/Ph
Power	3.0 kW	3.0 kW

Ref. No.	Description Content	-
519 9650	PROLIFT 5206 L5	1
519 9660	PROLIFT 5206 LT	1

## Accessories - vehicle lifts

Ref. No.	Description	Size	Content
518 2370	Polymer support blocks <b>Suitable for:</b> PROLIFT series	250 x 150 x 20 L x W x H mm	1
518 2387	Polymer support blocks <b>Suitable for:</b> PROLIFT series	250 x 150 x 60 L x W x H mm	1
518 2394	Polymer support blocks <b>Suitable for:</b> PROLIFT series	250 x 150 x 90 L x W x H mm	1



# PROLIFT 5303 LTAT

- Scissors lifts for wheel alignment of cars and vans with a total weight of up to 4.5 tonnes
- Loading capacity, length and platforms cover all options for our customers in terms of tyre service and general repair/ maintenance service
- Hydraulically synchronised platforms

- Safety valve in case of sudden loss of pressure
- Floor-mounted or flush-mounted version possible
- With integrated lift table (4.5 t)
- Front recesses for turn plates and rear slip plates for wheel alignment

	5199670
Loading capacity	5t
Drive-on height	330 mm
Lifting height	2140 mm
Length of track	5200 mm
Width of track	700 mm
Overall length	7621 mm
Overall width	2130 mm
Lifting capacity, lift table	4.5 t
Lifting height, lift table	565 mm
Width, lift table	660 mm
Length, lift table	1500 - 1940 mm
Power	3 kW
Electric power/connection	400/50/3 V/Hz/Ph
Operating pressure	8 bar
Weight	2300 kg

Ref. No.	Description	Con	ntent
	PROLIFT 5303 LTAT		1

## Accessories - vehicle lifts

Ref. No.	Description	Size	Content
518 2370	Polymer support blocks <b>Suitable for:</b> PROLIFT series	250 x 150 x 20 L x W x H mm	1
518 2387	Polymer support blocks <b>Suitable for:</b> PROLIFT series	250 x 150 x 60 L x W x H mm	1
518 2394	Polymer support blocks <b>Suitable for:</b> PROLIFT series	250 x 150 x 90 L x W x H mm	1



# Wheel lift for tyre storage

- Wheel lift, floor mounted
- Platform rests on the floor in bottom position
- Cage with circumferential rail (can be opened) and contact switch
- Locking mechanism for prevention of accidents
- Acoustic warning (foot guard)

- Control like 2 post-lift
- Supporting column of special rolled section
- Lift truck with sixfolded mounted on roller bearings and carry-/lock nut
- V-belt drived motor with thermal fuse

	5182507	5182514	5182521	5182538	5182545
Size	1200 x 1700 x 20 L x W x H mm	1200 x 1700 x 20 L x W x H mm	1200 x 1700 x 20 L x W x H mm		
Electric power/connection	400 V	400 V	400 V		
Weight	600 kg	600 kg	600 kg		
Lifting height	3000 - 5000 mm	3000 - 5000 mm	3000 - 5000 mm		
Lifting capacity	500 kg	500 kg	500 kg		
Power	3 kW	3 kW	3 kW		
Length	3 6 6 6			500 mm	500 each mm

Ref. No.	Description Content
518 2507	Wheel lift, cage opening, one-sided
518 2514	Wheel lift, cage opening, two-sided
518 2521	Wheel lift, cage opening, three-sided
518 2538	1st lifting extension
	2nd - 4th lifting extension

# WHEEL ALIGNMENT Wheel aligners for cars

#### PROLINF C484 WIN

- Professional and cost-effective wheel alignment for cars and light trucks
- Simultaneous view of all angles with individual zoom function
- 8-sensor CCD camera technology
- Excellent handling ensured by lightweight, robust sensors weighing only 2.6 kg
- Extremely powerful lithium-ion batteries
- Immediate and obstable-free communication thanks to BT2 technology
- Fast, easy and economical



- 1 Colour printer, keyboard, mouse
- 119" TFT monitor
- 1 Mobile cabinet
- 4 Measuring heads with lithium batteries, 8 CCD sensors, BT2 technology
- 4 Universal wheel clamps 12"-24"
- 2 Mechanical turntables
- 1 Steering wheel holder
- 1 Brake pedal arrestor
- 1 Software package with specifications database for cars



Ref. No.	Description	Electric power/connection	Content
518 3500	PROLINE C484 WIN	230/50/1 V/Hz/Ph	1

#### PRO LINE C484 mobile

- Wheel alignment system without cabinet,
   PC, keyboard, monitor and printer
- Designed for use with a user PC (notebook)
- Scope of delivery:
- 2 Mechanical turntables
- 4 Measuring heads with lithium batteries, 8 CCD sensors, BT2 technology
- 4 Universal wheel clamps 12" 24"
- 1 Battery charger for measuring heads

- Basic requirements: Windows XP SP2, 1.5
   GHz 32 bit (x86), 1 GB RAM, DVD-ROM, 40
   GB hard drive and 2 USB ports
- 1 Bluetooth antenna
- 1 Set of cables
- 1 CD-ROM with PRO LINE software for Windows
- 1 Steering wheel holder
- 1 Brake pedal arrestor





# Tools

	Ī.	
Ref. No.	Description	Content
561 3710	Track adjustment tools	1
518 2837	VAG set-down cross bar	1
519 5075	Pressure tool	1
518 5230	Water level for steering wheel	1



#### PRO LINE C484 UNI

- New, revolutionary system for combined car/truck wheel alignment
- Simultaneous view of all angles with individual zoom function
- 8-sensor CCD camera technology
- Excellent handling ensured by lightweight, robust sensors weighing only 2.6 kg
- Extremely powerful lithium-ion batteries
- Immediate and obstacle-free communication thanks to BT2 technology
- Fast, easy and economical

#### Scope of delivery:

- 1 Colour printer, keyboard, mouse
- 2 Mechanical turntables, truck
- 119" TFT monitor
- 1 Mobile cabinet
- 2 Car measuring heads with lithium batteries, BT2 technology
- 2 Truck measuring heads with lithium batteries, BT2 technology
- 4 Universal wheel clamps 12"-24"
- 2 Mechanical turntables, car
- 1 Steering wheel holder
- 1 Brake pedal arrestor
- 1 Software package with specifications database for cars



Ref. No.	Description	Content
518 3600	PRO LINE C484 UNI	1

# Wheel aligners for trucks

# PRO LINE TRUCK laser wheel aligner

- No external power supply, mobile use
- No problems with front lift systems
- No movement of vehicle necessary during measurement
- Vehicle's frame is taken into account in measurement, especially suited for multiple steering axles
- Scope of delivery:
- 2 Measuring heads with turnable diode laser and integrated rechargeable batteries
- 1 Electronic inclinometer
- 1 Toe gauge, adjustable
- 2 Magnetic gauges, adjustable
- 2 Sets (= 3 pieces) of magnetic legs 300 mm
- 2 Sets of magnetic legs 80 mm

- Vehicle does not have to be lifted (no rim eccentricity compensation required)
- Magnetic fixing on steel rims, special quick clamp devices for alloy rims
- Measurement of total and single toe, castor, camber, toe-out on turns, central position of steering gear and angular tilt of axles
- 1 Set of turntables
- 2 Sets of quick clamp devices for alloy rims
- 2 Battery chargers
- 1 Printed form for test certificate
- 1 Test certificate disc for printing on PC
- 1 Mobile storage cabinet
- 1 User's manual









# WHEEL ALIGNMENT Wheel aligners for trucks

# PRO LINE AS 10 laser wheel aligner

- Simple measurement (no calculation of adjustments necessary)
- Independent use: mobile, no mains supply

Scope of delivery:

• No problems with front lift systems

2 Laser measuring units with inte-

grated rechargeable batteries

2 Sets of magnetic legs 238 mm

• 1 Adjustable toe gauge

- Precise adjustment of a steering axle within seven minutes by one person
- Centering of steering axle in relation to the fix axle possible
- No movement of vehicle necessary during measurement
- 2 Sets of magnetic legs 378 mm
- 2 Magnetic supports, adjustable
- 1 Battery charger
- 1 User's manual



Ref. No.	Description	Content
	PRO LINE AS 10 <b>Suitable for:</b> Tractors and agricultural machinery	1



# Accessories - Wheel alignment truck

Ref. No.	Description	Content
518 5260	Semi-trailer/trailer gauge <b>Suitable for:</b> PRO LINE AS 10, truck	1
518 5270	Additional turntables <b>Suitable for:</b> PRO LINE AS 10, truck	1
518 5300	Car set TL10 Adapter set for measuring cars <b>Suitable for:</b> PRO LINE truck	1



518 5300

# DIAGNOSTICS AND AUTO SERVICE Diagnostic testers













PROFILER 500

559 0570

559 0580

559 0590

559 0550

#### 559 0630

#### PROFILER 500

- The multi-brand diagnostics tool PROFILER 500 has been specifically designed for the needs of tyre dealers
- It now enables even non-specialists to make use of OBD based car diagnostics systems
- The following systems and functions are covered: oil service, ABS/brakes, tyre pressure monitoring systems, ESP, wheels/ tyres, power steering, suspension/chassis, air conditioning
- The tool can be expanded into a complete diagnostics system including engine electronics by means of the PROFILER 500 "PLATINUM" upgrade

- Scope of delivery:
- 1 PROFILER 500 diagnostics software on SD card
- 1 EOBD cable
- 1 CD with software + manuals

- 1 SD card drive
- 1 Battery pack NIMH 7.2 V, 700 ma
- 1 Battery charger 230 V
- 1 Serial USB cable for connection to PC
- 1 Software updates for 1 year

Ref. No.	Description	Size	Weight	Content	Qty
559 0500	PROFILER 500	120 x 35 x 200 L x W x H mm	500 g	1	1

## PROFILER 500 MOTO

- Multi-brand diagnostics tool for motorcycles
- Precise error diagnostics of many systems
- Error code display with description in clear text
- The following systems and functions are covered: injection system, ABS, central ECU, reading and deleting of error codes,
- combined instrument and display, service interval, throttle basic setting, alarm system
- Diagnostic functions depend on manufacturer and model
- Update possibility

- 1 Diagnostics software PROFILER 500 MOTO on SD card
- 1 CD with software + manuals
- 1 SD card drive
- 1 Battery pack NIMH 7.2 V, 700 ma

- 1 Battery charger 230 V
- 1 Serial USB cable for connection to PC
- 1 Cable box
- 1 Software updates for 1 year

Ref. No.	Description	Content
559 0520	PROFILER 500 MOTO <b>Suitable for:</b> Aprilia; Benelli; BMW; Ducati; Harley Davidson; Honda; Kawasaki; Moto Guzzi; Suzuki	1

# • TYRE PRESSURE MONITORING SYSTEMS REMATIPTOP

Diagnostic and programming devices	12-14
Universal sensors	75-79
OEM replacement sensors	80
Special TPMS tools	81-83
OTR Tyre Pressure Monitoring Systems	84-85

# DIAGNOSTIC AND PROGRAMMING DEVICES PROFILER diagnostic testers







559 0850 559 0860 559 0840

#### PROFILER TPM II

#### PROFILER TPM II

- Special design to meet the demands of professional tyre services
- Quick and easy to use
- Extensive databases for TPMS diagnostics and programming of programmable universal sensors
- Programming of universal sensors: Alligator sens.it, Schrader EZ-sensor, HUF IntelliSens
- Activates the TPMS sensors in the wheel and receives data from the sensors by radio (pressure, temperature, sensor ID, battery)
- Database containing tightening torques, spare parts numbers, service kits and technical data
- Wireless communication with PC via Bluetooth
- Printing of reports
- LCD: 3" 128x64-pixel graphic LCD with transflective technology (ensures clear vision in direct sunlight)
- Membrane key pad with 7 buttons

## Scope of delivery:

- 1 Profiler TPM II diagnostics tool
- 1 Battery charger
- 1 USB cable
- 1 Software CD with TPMS Manager
- 1 User's manual

- Protection: IP54 shockproof, non-removable case
- Languages: German, English, French, Spanish, Italian, Portuguese, Dutch, Polish, Turkish, Chinese, Swedish, Hungarian, Czech, Russian and Japanese
- Supported frequencies: 315 MHz, 433/343 MHz, 868 MHz
- Includes 12-month software updates for all databases

#### PROFILER TPM II Plus

Additional features of Plus version

- OBD kit included
- Data readings (pressure, temperature, sensor, ID, battery state) via OBD
- Simple teach-in of new sensors at the press of a button
- Sensor/ECU programming via OBD (sensor IDs, pressure thresholds, summer/winter, etc.)
- Fault code deletion via OBD
- 1 Environment information
- 1 SD card for PROFILER TPM II
- 12 Months update service
- 1 OBD cable and OBD diagnostics database (PROFILER TPM II Plus)

Ref. No.	Description	Size	Weight	Voltage	Content	Qty
559 0850	PROFILER TPM II	160 x 80 x 36 L x W x H mm	600 g	Lithium battery - rechargeable power supply, 230 V V	1	1
559 0860	PROFILER TPM II Plus Includes OBD Kit	160 x 80 x 36 L x W x H mm	600 g	Lithium battery - rechargeable power supply, 230 V V	1	1
559 0840	OBD Kit for PROFILER TPM II Optional for PROFILER TPM II				7	1

# DIAGNOSTIC AND PROGRAMMING DEVICES Accessories - PROFILER



559 0820, 559 0830











559 0732

559 0870

# Updates for PROFILER TPM II

- 12-month update service for the databases of the PROFILER TPM II and PROFILER TPM II Plus
- Update of diagnostics and programming databases
- Update of tool's operating software
- Simple download and installation through TPMS Manager software

Ref. No.	Description
559 0820	Update service PROFILER TPM II Internet download through TPMS Manager software
559 0830	Update service PROFILER TPM II Plus Internet download through TPMS Manager software

## Accessories - PROFILER TPM II

Ref. No.	Description	Content	Qty
559 0732	Battery charger for PROFILER TPM II and PROFILER TPM II Plus Incl. international connector set	1	1
559 0733	USB cable for PROFILER TPM II and PROFILER TPM II Plus Connects tool to a PC for data transfer and update	1	1
559 0731	SD card for PROFILER TPM II and PROFILER TPM II Plus		
559 0870	Carrying and storage case for PROFILER TPM II Case without contents	1	1

# DIAGNOSTIC AND PROGRAMMING DEVICES Sensor programming devices







562 3947

## TPMS universal programming device

Programming tool for sens.it sensors. This pad can be used to program the sens.it sensors with the vehicle-specific data

stored in the online database. A simple USB cable connects the programming devices to a PC.

Ref. No.	Description	Frequency range	Size	Electric power/ connection	Content	Qty
562 3940	sens.it - TPMS programming pad	315 and 434 MHz		USB type A, 1.8 metres	]	1

# UNIVERSAL SENSORS sens.it

## sens.it - Starter kit

The sens.it Starter kit is a complete package that offers a low-cost option for first-time users of universal sensors.

- 1 Programming tool PT1 RTT
- 8 RS3 sensors, 434 MHz

- 8 Car valve kits 43LMS, standard silver
- 1 Quick start installation guide
- 1 User's manual

Ref. No.	Description	Content	Qty
562 3947	sens.it Starter kit	1 kit	1









562 3941

562 3946

562 3935

562 3934

## sens.it - TPMS Clamp-In sensors

Blank TPMS sensors which can be programmed using the PRO-FILER TPM II or the sens.it database.

- Clamp-in valve with ball-joint attachment
- Equivalent level of functionality and quality as the original tyre pressure sensors
- Ball-joint permits installation of sensor on most steel and aluminium rims

Scope of delivery: •1 Sensor •1 Installation guide Indespensible add-on product: 1 sens.it TPMS valve kit

Ref. No.	Description	Torque sensor	Torque valve	Rim type	Adjustable angle	Frequency range	Weight	Content	Qty
562 3941	sens.it TPMS sensor RS3 For the European market	3.3	3.3	Steel/ alloy	12 - 40 °	434 MHz	18 g	1 sensor	1
562 3946	sens.it TPMS sensor RS1 US For the US market	3.3	3.3	Steel/ alloy	12 - 40 °	315 MHz	18 g	1 sensor	7

## sens.it - TPMS Clip-Pin sensors

Blank TPMS sensors which can be programmed using the PRO-FILER TPM II or the sens.it database.

- For Snap-In valves
- Easy and quick installation and removal of the valve
- Valve is removed and installed on the rim in the same way as a conventional rubber valve

#### Please note:

• TPMS Snap-In valves are subjected to considerably higher stresses than standard Snap-In valves

- The TPMS Snap-In valves must always be replaced whenever tyres are replaced
- Application is limited to speeds below 210 km/h
- Exclusively recommended for the replacement of OE TPMS Snap-In valves
- Tyre pressure must not exceed 4.5 bar (65 psi)
- If in doubt, we recommend the sens.it Clamp-In valve option

Scope of delivery: • 1 Sensor • 1 Installation guide Indespensible add-on product: 1 sens.it TPMS Snap-In valve

Ref. No.	Description	Rim type	Frequency range	Weight	ETRTO No.	Content	Qty
562 3935	sens.it TPMS sensor with Clip-Pin technology RS4 For the European market	Steel/alloy	434 MHz	16 g	V2.03.13	1 sensor	1
562 3934	sens.it TPMS sensor with Clip-Pin technology RS2 US For the US market	Steel/alloy	315 MHz	16 g		1 sensor	1



## sens.it - TPMS valve kits

### Clamp-In valve kits:

- High-quality aluminium alloy
- Additionally protected against corrosion by an anodised layer

### Snap-In valve:

Max.speed: 210 km/h

Scope of delivery: • 1 Aluminium valve 43 LMS • 1 Torx T20 screw • 1 Counter-pin

Ref. No.	Description	Colour	Rim hole Ø	Length	Content	Qty
562 3942	sens.it TPMS Clamp-In valve kit 43LMS <b>Suitable for:</b> TPMS sensor RS3 & RS1	Standard silver anodised	11.3 + 0.4 mm	43 mm	1 kit	1
562 3943	sens.it TPMS Clamp-In valve kit 43LMS <b>Suitable for:</b> TPMS sensor RS3 & RS1	Chrome	11.3 + 0.4 mm	43 mm	1 kit	1
562 3948	sens.it TPMS Clamp-In valve kit 43LMS <b>Suitable for:</b> TPMS sensor RS3 & RS1	Titanium grey anodised	11.3 + 0.4 mm	43 mm	1 kit	1
562 3949	sens.it TPMS Clamp-In valve kit 43LMS <b>Suitable for:</b> TPMS sensor RS3 & RS1	Black anodised	11.3 + 0.4 mm	43 mm	1 kit	1
562 3936	sens.it TPMS Snap-In valve Valve angle 20° <b>Suitable for:</b> TPMS sensor RS4 & RS2	Black	11.3 + 0.4	TR413	12	1

## sens.it - RetroFIT kit

For all those who want to retrofit their passenger car, transporter and/or motor home with a tyre pressure monitoring system.

#### Benefits of the sens.it RetroFIT kit:

- Simple assembly and installation
- OEM quality

- 1 Magnet (for securing the display)
- 1 Assembly instructions for valve and sensor

- Universal solution suitable for almost all aluminium/steel rims
- Measurement of the pressure and temperature in the tyre
- The display is easy to install in the vehicle cockpit
- Safeguarded against theft
- Safe even for fast vehicles (over 210 km/h)
- Spare parts can be obtained at any time
- 1 User's manual
- 1 Display with CR2450 button battery
- 4 sens.it sensors with valves

Ref. No.	Description	Rim hole Ø	Frequency range	Maximum pressure	Content	Qty
562 3952	sens.it Retrofit kit	11.3 + 0.4 mm	433.92 MHz	8 bar	1 kit	1

## **UNIVERSAL SENSORS** EZ-sensors





559 1004

## EZ-sensor sensors

Blank TPMS sensors, programmable using the PROFILER TPM II • Functionality and quality identical to that of the original tyre

• With metal or rubber valve

- pressure monitoring sensors
- Sensor with rubber valve: limited to speeds below 210 km/h

- 1 Sensor
- 1 Installation guide

- 1 Valve
- 1 Fixture

	5591008	5591004
Torque sensor	1.4 Nm	1.4 Nm
Torque valve	8.0 Nm	
Rim type	steel/alloy	steel/alloy
Frequency range	433 MHz	433 MHz
Weight	40 g	33 g

Ref. No.	Description	Content	Qty
	EZ-sensor with metal valve For the European market	1 kit	1
	EZ-sensor with rubber valve For the European market	1 kit	1

## UNIVERSAL SENSORS EZ-sensor, Huf IntelliSens



559 1006



559 100



559 1005



570 8950



570 8951

## EZ-sensor TPMS valve kits

#### Metal valve kits:

- Corrosion protection by an additional coating
- Permissible for speeds over 210 km/h

#### Snap-In valve:

Max. speed: 210 km/h

Ref. No.	Description	Rim hole	Length	Content	Qty
559 1006	EZ-sensor Clamp-In kit Metal valve, complete, incl. screw <b>Suitable for:</b> EZ-sensor, Clamp-In	11.3 + 0.4 mm	45 mm	1 kit	1
559 1007	EZ-sensor Clamp-In service kit Valve core, seal, nut and cap <b>Suitable for:</b> EZ-sensor, Clamp-In			1 kit	10
559 1005	EZ-sensor Snap-In kit Rubber valve, complete, incl. screw <b>Suitable for:</b> EZ-sensor, Snap-In	11.3 + 0.4 mm	43 mm	1 kit	10

## Huf IntelliSens sensors

Blank TPMS sensors which can be programmed using the PROFILER TPM II.

- Same quality as Huf OE replacement sensors
- Compatible with many different vehicle makes and models
- In most cases, a vehicle re-learn process is not necessary

- 1 Sensor
- 1 Installation guide

- 1 Valve
- 1 Fixture

Ref. No.	Description	Torque valve	Rim type	Adjustable angle	Frequency range	Weight	Content	Qty
570 8950	Huf IntelliSens sensor UVS01C4 Incl. Clamp-In valve - For the European market	4 Nm	Alumi- nium	0 - 40 °	433 MHz	42 g	1 kit	1
570 8951	Huf IntelliSens sensor UVSO2C4 Incl. Clamp-In valve - For the European market	4 Nm	Alumi- nium	0 - 40 °	433 MHz	42 g	1 kit	1



562 3891



562 38



562 3894

## Huf IntelliSens RDV replacement valves

Replacement valves for HUF IntelliSens TPMS sensors HUF tyre pressure valves (RDV) - RDV 021-024

#### Scope of delivery:

- 1 Valve, incl. valve core
- 1 Hex nut
- 1 Square bolt screw
- 1 Valve cap, plastic

### Advantage of generation 2:

Only one tool is required. The sensor screw is tightened together with the top nut (see valve installation instructions) Valves for HUF wheel sensors are colour coded. Before installing valves on replacement wheels, consult the Vehicle Type Approval to determine the correct sensor assignment, or check with the wheel manufacturer.

**Note:** When a tyre is changed the valve core and valve cap have to be replaced

Ref. No.	Description	Rim hole	Length	Colour	Manufacturer No.	Content	Qty
562 3891	Tyre pressure valve - RDV 021	11.3 mm	43 mm	silver	100073	1 kit	1
562 3892	Tyre pressure valve - RDV 022	11.3 mm	4948 mm	blackgreen	100075	1 kit	1
562 3893	Tyre pressure valve - RDV 023	11.3 mm	4849 mm	greenblack	100074	1 kit	1
562 3894	Tyre pressure valve - RDV 024	11.3 mm	51 mm	orange	100076	1 kit	1

## OEM REPLACEMENT SENSORS Huf, VDO, Schrader

## OEM replacement sensors

The REMA TIP TOP product portfolio also includes OEM replacement sensors from Huf, VDO and Schrader. The range offered covers the market needs for conventional vehicle brands and is constantly being updated and expanded. The global sales network of REMA TIP TOP AG guarantees just-intime availability at all times.

The entire TPMS portfolio and a configurator can be found at 
→ http://tpms.rema-tiptop.com





562 3672

## Service kits

Besides universal and OEM replacement sensors, REMA TIP TOP also offers all of the service kits required for servicing TPMS valves and TPMS sensors when tyres are changed, thus meeting the specifications of the sensor manufacturers. According to the manufacturers, TPMS valves have to be serviced and wear parts such as seals and fixtures have to be replaced whenever tyres are changed.

The entire TPMS portfolio and a configurator can be found at  $\rightarrow$  http://tpms.rema-tiptop.com











562 3644



For detailed product information please visit our online product catalogue at

- $\rightarrow$  http://products.rema-tiptop.com or
- $\hspace{0.1cm} \rightarrow \hspace{0.1cm} \textbf{http://tpms.rema-tiptop.com}$

or contact your local REMA TIP TOP contact.





562 3996

## Premium TPMS tool kit

Professional TPMS tool case. Contains the most frequently used TPMS toolsWhen mounting and servicing sensor installations always observe the torque specifications and instructions of the manufacturers.

#### Scope of delivery:

- 1 1/4" torque key 2-10 Nm
- 1 Torque screwdriver 1.4 Nm with 4 mm hexagon drive, incl. blade
- 1 Valve insertion tool 0.25 Nm
- 1 Valve insertion tool 0.45 Nm
- 1 Hex spanner socket, extra deep, SW 11
- 1 Hex spanner socket, extra deep, SW 12
- 1 Pin punch 2 mm
- 1 Torx T10 screwdriver bit

- 1 Torx T15 screwdriver bit
- 1 Torx T20 screwdriver bit
- 1 Torx bit T10
- 1 Torx bit T15
- 1 Torx bit T20
- 1 Torque screwdriver without blade
- 1 Interchangeable blade, 1/4" external square adapter with ball reception, for 1/4" sockets
- 1 1/4" adapter from hexagon to square
- 1 Grommet removal tool

Ref. No.	Description	Torque	Weight	Drive	Content	Qty
	Premium TPMS tool kit Complete set of tools for professional TPMS service	1.4 & 2-10 Nm	1.3 kg	1/4 Inch	1 case	1

## sens.it - Special TPMS tool kit

This TPMS tool kit was designed especially for mounting tyre pressure sensors on valves and rims. The torque screwdriver is preset to the values recommended by the ETRTO to ensure that the components are tightened with the right tightening torque and that the sensors are properly fitted.

### Benefits:

- Simple and correct mounting of sensor and valve on the rim
- Prevents loss of air through damaged grommets in the case of clamp-in valves
- One-man operation optimised installation with no wasted
- High-quality calibrated torque screwdriver preset to 3.3 Nm (measurement accuracy +/- 6%)
- Rapid bit changing through the use of sophisticated technology
- In handy tool pouch

- 1 Calibrated torque screwdriver, 3.3 Nm
- 1 1/4" adapter
- 1 Torx bit T15

- 1 Torx bit T20
- 1 Hex socket, extra deep, SW 11
- 1 Hex socket, extra deep, SW 12
- 1 Valve holder

Ref. No.	Description	Torque	Weight	Drive	Content	Qty
	sens.it - Special TPMS tool kit Kit of special tools for installation of sens.it sensors	3.3 Nm	0.4 kg	1/4 (6.3 mm) Inch	1 kit	1





562 3995

389 3959

## TPMS universal tool kit

High-quality TPMS tool kit. When mounting and servicing sensor installations always observe the torque specifications and instructions of the manufacturer.

### Scope of delivery:

- 1 1/4" torque screwdriver with pistol grip, adjustable from 4.0 8.8 Nm (in 0.25 Nm increments)
- . 1 Vəlve holder

- 1 Hex socket, extra deep, SW 11
- 1 Hex socket, extra deep, SW 12
- 1 Torx bit T20
- 1 1/4" adapter 25 mm

Ref. No.	Description	Content	Qty
562 3995	TPMS universal tool kit	1 case	7

### TPMS basic tool kit

Low-cost TPMS tool kit. When mounting and servicing sensor installations always observe the torque specifications and instructions of the manufacturers.

- 1 1/4" torque screwdriver 1 5 Nm
- 1 Hex socket, extra deep, SW 11

- 1 Hex socket, extra deep, SW 12
- 1 Torx T20 screwdriver bit

Ref. No.	Description	Torque	Weight	Drive	Content	Qty
	TPMS basic tool kit Low-cost version	1-5 Nm	0.27 kg	1/4 Inch	1 kit	1

# SPECIAL TPMS TOOLS TPMS tools



## TPMS tools

Ref. No.	Description	Torque	Length	Content	Qty
562 8420	Valve core screwdriver VALVE PROOF VG5 Red plastic handle <b>Suitable for:</b> Snap-In valves	0.25 Nm	120 mm	1	1
562 8430	Valve core screwdriver VALVE PROOF VG5 Black plastic handle <b>Suitable for:</b> Metal/aluminium valves	0.45 Nm	120 mm	1	1
562 3956	Valve core screwdriver VG5 <b>Suitable for:</b> BERU RDV			1	1
562 3485	TORX® T10 torque screwdriver <b>Suitable for:</b> Schrader RTPMS Snap-In sensors	1.4 Nm		1	1
562 3990	Grommet removal tool Red <b>Suitable for:</b> Rubber grommets of TPMS valves			10	1

# OTR TYRE PRESSURE MONITORING SYSTEMS REMA TIP TOP TMS Tyre Monitor Systems







519 2040

219 000

### REMA TIP TOP TMS sensors

REMA TIP TOP TMS sensors measure tyre pressure and temperature and estimate their own battery condition. Each sensor has a unique ID number printed on the product label. Periodically and under special conditions, each sensor transmits its ID and measurements.

The external sensor is fitted externally by screwing onto the valve.

#### Technical data of internal and external sensors:

- Mounted inside the tyre on a tyre patch
- Waterproof sensor for use in tyres using coolants and rust inhibitors

- Pressure range: 6 185 psi
- Pressure accuracy: +/-2psi up to 150psi, +/-3psi between 150psi and 185psi
- Transmissions: every 5 minutes and on change of pressure
- ID code, pressure, temperature and sensor battery condition can be displayed on the TMS Sensor reader
- 2 year battery life
- 433.92MHz
- Compliant with EN 300-220

Ref. No.	Description	Size	Weight	Content	Qty
519 2040	REMA TIP TOP TMS internal sensor Waterproof version	112x31x18 L x W x H mm	60 g	1	1
519 0601	REMA TIP TOP TMS external sensor Clean-Dry version	40x52 W x H mm	95 g	1	1

## REMA TIP TOP TMS kits - internal sensors

These kits contain all the system components for vehicles with a 4-wheel or 6-wheel configuration and include 4 or 6 waterproof sensors. The software "TMS Manager" for setting the

various parameters can be downloaded from: www.tiremonitorsystem.com/downloads

#### Scope of delivery:

- 5192040 14x (or 6x) REMA TIP TOP TMS internal readable sensors, waterproof
- 5192020 1 Standard receiver
- 6 Operator Interface
- 3 Patch & toggle assemblies for internal sensors
- 1 BNC receiver antennas (5m, 8m, 16m)
- 12m Cable harness
- 1 USB-serial convertor
- 1 Serial-serial 90way convertor
- 1 Quick start guide

Accessories: REMA TIP TOP TMS Sensor reader

Ref. No.	Description	Weight	Content	Qty
519 2030	REMA TIP TOP TMS kit of internal sensors, waterproof 4 sensors	3.4 kg	1 kit	1
519 2010	REMA TIP TOP TMS kit of internal sensors, waterproof 6 sensors	3.6 kg	1 kit	1

# OTR TYRE PRESSURE MONITORING SYSTEMS REMA TIP TOP TMS Tyre Monitor Systems





519 0606

## REMA TIP TOP TMS kits - external sensors

These kits contain all the system components for vehicles with a 4-wheel or 6-wheel configuration and include 4 or 6 external sensors. The TMS Manager PC programme for setting the va-

Scope of delivery:

- 5190601 6 4x (or 6x) TMS external readable sensors, clean-dry
- 5192020 1 Large bore T-fittings
- 1 Receiver standard
- 3 Operator Interface

rious parameters can be downloaded from: www.tiremonitorsystem.com/downloads

- 1 BNC receiver antennas (5m, 8m, 16m)
- 12m Cable harness
- 1 USB-serial convertor
- 1 Serial-serial 90way convertor
- 1 Quick start guide

Accessories: 5192020 REMA TIP TOP TMS sensor reader

Ref. No.	Description	Weight	Content	Qty
519 0604	REMA TIP TOP TMS kit of external sensors, clean-dry 4 sensors	3.4 kg	1 kit	1
519 0606	REMA TIP TOP TMS kit of external sensors, clean-dry 6 sensors	3.7 kg	1 kit	1

## REMA TIP TOP TMS sensor reader

Low-frequency handheld activator used to initiate a data transmission from the REMA TIP TOP TMS sensor. Sensor ID,

tyre pressure and temperature, and sensor battery condition can be displayed.

### Scope of delivery:

1 Recharger cable

### Base product:

1 REMA TIP TOP TMS reader

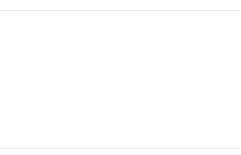
Ref. No.	Description	Content	Qty
	REMA TIP TOP TMS sensor reader Rechargeable	1	1

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Your local contact



**#ONE BRAND #ONE SOURCE #ONE SYSTEM** 

// SERVICE // MATERIAL PROCESSING // SURFACE PROTECTION // AUTOMOTIVE

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