

WHEEL BALANCERS TYRE CHANGERS AUTOMOTIVE LIFTS BRAKE TESTERS WHEEL ALIGNERS



II

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# B100

# WHEEL BALANCERS



### Digital wheel balancer with 2D SAPE

- Intuitive dual 3-digit LED display for the amount readings and bright weight position indicators - integrated in the weight tray
- Semi-automatic input of offset and rim diameter via 2D SAPE
- Manual input of rim width
- QuickBAL<sup>™</sup> for reduced measurement time: Short start-stop cycle time: 6.5 seconds (15" rim)
- VPI Virtual plane imaging technique for uncompromised accuracy
- Split weight mode
- Small footprint
- Measuring speed < 100 rpm, none the less comes standard with wheel guard
- B100N: Without wheel guard

Technical data and dimensions		
Measuring speed	rpm	<100
Rim width	inch	1-20
Rim diameter	inch	8-25 auto./8-32 man.
Max. wheel width	mm	508
Max. wheel diameter	mm	960
Max. wheel weight	kg	70
Dimensions (W x D x H) -		
wheel guard open	mm	1100 x 1005 x 1711
Weight	kg	70
Power supply		230 V 1ph 50-60 Hz

# **B200S**

# WHEEL BALANCERS



### Video wheel balancer with 2D SAPE

- 19" TFT monitor with graphical user interface SILVER and separate control panel integrated in the weight tray – more ergonomic and intuitive
- Semi-automatic input of offset and rim diameter via 2D SAPE
- Automatic rim width acquisition via Smart Sonar<sup>™</sup> fast and easy
- Semi-automatic pre-selection of balancing mode via easyALU<sup>™</sup>
- QuickBAL<sup>™</sup> for reduced measurement time: Short start-stop cycle time: 4.5 seconds (15" rim)
- VPI Virtual plane imaging technique for uncompromised accuracy
- Split weight mode
- B200: Manual input of rim width

Technical data and dimensions		
Measuring speed	rpm	200
Rim width (man.)	inch	1-20
Rim width (Smart Sonar™)	inch	3 - 15
Rim diameter	inch	8-25 auto./8-32 man.
Max. wheel width	mm	508
Max. wheel diameter	mm	1050
Max. wheel weight	kg	70
Dimensions (W x D x H) - wheel guard open	mm	1012 x 781 x 1834
Weight	kg	82
Power supply	2	30 V 1ph 50-60 Hz

# B300P

# WHEEL BALANCERS



### Digital wheel balancer with 2D SAPE and Smart Sonar™

- Torque-controlled Power Clamp<sup>™</sup> device and electromechanical main shaft lock
- Intuitive dual 3-digit LED display for the amount readings and bright weight position indicators – integrated in the weight tray
- Semi-automatic input of offset and rim diameter via 2D SAPE and automatic rim width acquisition via Smart Sonar<sup>™</sup> - fast and easy
- easyWEIGHT<sup>™</sup>: the pinpoint laser light indicator to accurately and conveniently position adhesive weights on the wheel
- Semi-automatic pre-selection of balancing mode via easyALU<sup>™</sup>
- Weight minimisation and optimisation
- VPI Virtual plane imaging technique for uncompromised accuracy
- QuickBAL<sup>™</sup> for reduced measurement time:
- Short start-stop cycle time: 4.5 seconds (15" rim)
- Split weight mode
- B300L: With integrated flange and quick nut as well as mechanical main shaft lock.
- B300S: With integrated flange and quick nut as well as mechanical main shaft lock. No easyWEIGHT<sup>™</sup> function

Technical data and dimensions		
Measuring speed	rpm	200
Rim width (man.)	inch	1-20
Rim width (Smart Sonar™)	inch	3 - 15
Rim diameter	inch	8-25 auto./8-32 man.
Max. wheel width	mm	508
Max. wheel diameter	mm	1050
Max. wheel weight	kg	70
Dimensions (W x D x H) - wheel guard open	mm	1313 x 868 x 1834
Weight	kg	120
Power supply	2	230 V 1ph 50-60 Hz

# B500P

# WHEEL BALANCERS



### Digital wheel balancer with 2D SAPE and Smart Sonar™

- Torque-controlled Power Clamp<sup>™</sup> device and electromechanical main shaft lock
- Intuitive dual 3-digit LED display for the amount readings and bright weight position indicators – in ergonomic raised position
- Semi-automatic input of offset and rim diameter via 2D SAPE and automatic rim width acquisition via Smart Sonar<sup>™</sup> - fast and easy
- easyWEIGHT<sup>™</sup>: the pinpoint laser light indicator to accurately and conveniently position adhesive weights on the wheel
- Semi-automatic pre-selection of balancing mode via easyALU<sup>™</sup>
- Weight minimisation and optimisation
- VPI Virtual plane imaging technique for uncompromised accuracy
- QuickBAL<sup>™</sup> for reduced measurement time:
- Short start-stop cycle time: 4.5 seconds (15" rim)
- Split weight mode
- B500L: With integrated flange and quick nut as well as mechanical main shaft lock

Technical data and dimensions		
Measuring speed	rpm	200
Rim width (manual)	inch	1-20
Rim width (Smart Sonar™)	Inch	3 - 15
Rim diameter	inch	8-25 auto./8-32 man.
Max. wheel width	mm	508
Max. wheel diameter	mm	1050
Max. wheel weight	kg	70
Dimensions (W x D x H) -		
wheel guard open	mm	1313 x 868 x 1834
Weight	kg	140
Power supply	23	0 VAC 1ph 50/60 Hz

# B400L

# WHEEL BALANCERS



### Wheel balancer with monitor, 2D SAPE and Smart Sonar™

- 19" TFT monitor with graphical user interface SILVER
  Large and intuitive control panel
- Semi-automatic input of offset and rim diameter via 2D SAPE and automatic rim width acquisition via Smart Sonar<sup>™</sup> - fast and easy
- easyWEIGHT<sup>™</sup>: the pinpoint laser light indicator to accurately and conveniently position adhesive weights on the wheel
- Semi-automatic pre-selection of balancing mode via easyALU<sup>™</sup>
- Weight minimisation and optimisation
- VPI Virtual plane imaging technique for uncompromised accuracy
- QuickBAL<sup>™</sup> for reduced measurement time: Short start-stop cycle time: 4.5 seconds (15" rim)
- Split weight mode
- Integrated flange with quick nut and mechanical main shaft lock

Technical data and dimensions		
Measuring speed	rpm	200
Rim width (manual)	inch	1-20
Rim width (Smart Sonar™)	inch	3-15
Rim diameter	inch	8-25 auto./8-32 man.
Max. wheel width	mm	508
Max. wheel diameter	mm	1050
Max. wheel weight	kg	70
Dimensions (W x D x H) -		
wheel guard open	mm	1313 x 868 x 1834
Weight	kg	130
Power supply	23	0 VAC 1ph 50/60 Hz

# B340P

# WHEEL BALANCERS



### Digital wheel balancer with 2D SAPE, Smart Sonar™ and PROtouch™ display

- PROtouch<sup>™</sup> the touchscreen graphical display 10" wide, DIAMOND user interface - intuitive as a video balancer
- Torque-controlled Power Clamp<sup>™</sup> device and electromechanical main shaft lock as well as Stop-in-Position feature
- Semi-automatic input of offset and rim diameter via 2D SAPE and automatic rim width acquisition via Smart Sonar<sup>™</sup> - fast and easy
- easyWEIGHT<sup>™</sup>: the pinpoint laser light indicator to accurately and conveniently position adhesive weights on the wheel
- Semi-automatic pre-selection of balancing mode via easyALU<sup>™</sup>
- Split weight mode
- Weight minimisation and optimisation
- Two users with rapid switch function
- Network printing capability Compatible with asanetwork
- WI-FI connectivity
- VPI measurement technique for uncompromised accuracy
- QuickBAL<sup>™</sup>for reduced measurement time: Short start-stop cycle time: 4.5 seconds (15" rim)
- **B340L:** With integrated flange and quick nut as well as mechanical main shaft lock.
- **B340S:** With integrated flange and quick nut as well as mechanical main shaft lock. No easyWEIGHT<sup>™</sup> function

Technical data and dimensions		
Measuring speed	rpm	200
Rim width (manual)	inch	1-20
Rim width (Smart Sonar™)	inch	3-15
Rim diameter	inch	8-30 auto./8-32 man.
Max. wheel width	mm	508
Max. wheel diameter	mm	1050
Max. wheel weight	kg	70
Dimensions (W x D x H) -		
wheel guard open	mm	1380 x 868 x 1840
Weight	kg	90
Power supply	23	0 VAC 1ph 50/60 Hz

# B600P

# WHEEL BALANCERS



### Wheel balancer with touch-screen monitor, 2D SAPE and Smart Sonar™

- Touch-screen monitor with graphical user interface GOLD more ergonomic and intuitive
- Torque-controlled Power Clamp<sup>™</sup> device and electromechanical main shaft lock as well as Stop-in-Position feature
- Semi-automatic input of offset and rim diameter via 2D SAPE and automatic rim width acquisition via Smart Sonar<sup>™</sup> - fast and easy
- easyWEIGHT<sup>™</sup>: the pinpoint laser light indicator to accurately and conveniently position adhesive weights on the wheel
- Semi-automatic pre-selection of balancing mode via easyALU<sup>™</sup>
- Rim lighting
- Weight minimisation and optimisation
- VPI Virtual plane imaging technique for uncompromised accuracy
- QuickBAL<sup>™</sup> for reduced measurement time:
- Short start-stop cycle time: 4.5 seconds (15" rim)
- Split weight mode
- B600L: With integrated flange and quick nut as well as mechanical main shaft lock. No Stop-in-position feature, no rim lighting

Technical data and dimensions		
Measuring speed	rpm	200
Rim width (manual)	inch	1-20
Rim width (Smart Sonar™)	inch	3-15
Rim diameter	inch	8-25 auto./8-32 man.
Max. wheel width	mm	508
Max. wheel diameter	mm	1050
Max. wheel weight	kg	70
Dimensions (W x D x H) -		
wheel guard open	mm	1313 x 868 x 1834
Weight	kg	130
Power supply	23	0 VAC 1ph 50/60 Hz

# B800P

# WHEEL BALANCERS



### Wheel balancer with automatic non-contact data entry

- Rim scanner with
  - automatic non-contact rim profiling
  - automatic input of offset and rim diameter
  - automatic selection of balancing mode and weight position
  - automatic detection of number and position of spokes
- Automatic rim width acquisition via Smart Sonar<sup>™</sup> fast and easy
- easyWEIGHT<sup>™</sup> pinpoint indicator laser light
- Touch-screen monitor with graphical user interface PLATINUM
- Weight minimisation and optimisation
- VPI Virtual plane imaging technique for uncompromised accuracy
- Rim lighting
- QuickBAL<sup>™</sup> for reduced measurement time: Short start-stop cycle time: 4.5 seconds (15" rim)
- Multiple user capability
- Torque-controlled Power Clamp<sup>™</sup> device and electromechanical main shaft lock as well as Stop-in-Position feature
- asanetwork and networking capability with optional software

Technical data and dimensions			
Measuring speed	rpm	200	
Rim width (manual)	inch	1-20	
Rim width (Smart Sonar™)	Inch	3 - 15.8	
Rim diameter	inch	14-26 auto. / 8-32 man.	
Max. wheel width	mm	508	
Max. wheel diameter	mm	1050	
Max. wheel weight	kg	70	
Dimensions (W x D x H) -			
wheel guard open	mm	1313 x 868 x 1834	
Weight	kg	150	
Power supply		230 VAC 1ph 50/60 Hz	

# B1200P

# WHEEL BALANCERS



### Wheel balancer with diagnostic functions

- Run-out diagnosis and unbalance measurement in a single fast measuring run
- Match-mount feature to fix mechanical vibration issues
- Rim scanner with
  - automatic non-contact rim profiling
  - automatic input of offset and rim diameter
  - automatic selection of balancing mode and weight position
    automatic detection of number and position of spokes
- Automatic rim width acquisition via Smart Sonar<sup>™</sup> fast and easy
- easyWEIGHT<sup>™</sup> pinpoint indicator laser light
- Touch-screen monitor with graphical user interface PLATINUM
- Weight minimisation and optimisation
- VPI Virtual plane imaging technique for uncompromised accuracy
- Rim lighting
- QuickBAL<sup>™</sup> for reduced measurement time
- Multiple user capability
- Torque-controlled Power Clamp<sup>™</sup> device and electromechanical main shaft lock as well as Stop-in-Position feature
- asanetwork and networking capability with optional software

Technical data and dimensions			
Measuring speed	rpm	200	
Rim width (manual)	inch	1-20	
Rim width (Smart Sonar™)	Inch	3 - 15.8	
Rim diameter	inch	14 - 26 auto. / 8 - 32 man.	
Max. wheel width	mm	508	
Max. wheel diameter	mm	1050	
Max. wheel weight	kg	70	
Dimensions (W x D x H) -			
wheel guard open	mm	1362 x 1001 x 1895	
Weight	kg	140	
Power supply		230 VAC 1ph 50/60 Hz	

# B2000P

# WHEEL BALANCERS



### Diagnostic wheel balancer with 3D imaging technology

- Unique 3D imaging technology for detection of various tyre and rim defects of the entire tyre/wheel assembly
- Touch screen with graphical user interface PLATINUM for intuitive user-machine communication and high-productivity diagnostic wheel balancing
- Automatic non-contact data acquisition
- Radial / lateral run-out diagnosis and unbalance measurement in a single fast measuring run
- Match-mount feature to fix mechanical vibration issues
- Optimisation and minimisation modes
- Advanced diagnostics:
  - Measurement of tyre pull effect (tyre conicity)
  - Allocation of wheels to their best possible position on the vehicle in order to avoid tyre pull effect (optional)
  - Tread depth measurement
  - Tread depth and wear analysis
  - Alignment pre-checking
  - Tyre wear-out prediction
  - RFV Run-Out Force Vectoring (optional)
- Torque-controlled Power Clamp<sup>™</sup> device and electromechanical main shaft lock as well as Stop-in-Position feature
- asanetwork capability
- Print-out of all results in test records, or screenshots via optional printer. Output also to USB memory stick

# Technical data and dimensions

rpm	200
inch	3-20
inch	15 - 30 auto. / 8 - 30 man.
mm	508
mm	1118
kg	70
mm	1540 x 1220 x 1630
kg	190
2	230 V 1ph 50-60 Hz
	inch inch mm kg mm kg

# BW2010

# WHEEL BALANCERS



The **BW 2010** is a universal wheel lift for wheels up to 70 kg, which is designed for use with all John Bean car wheel balancers.

# b9200

# WHEEL BALANCERS



### Digital truck wheel balancer

Hand-spin mobile wheel balancer for car and truck wheels

- Semi-automatic input of offset and rim diameter via 2D SAPE
- Input of width via keys
- Acceleration to measuring speed via left-hand crank
- No loading device required
- Lightweight compact design easy to position
- Minimum space requirement
- Gauge arm with weight clamp
- 5 alloy modes
- Spoke mode
- Electronic friction brake for braking after measurement
- VPI Virtual plane imaging technique for uncompromised accuracy

Technical data and dimensions		
Rim centre bore diameter	mm	light truck: 122-172 truck: 198-225/270-286.5
Shaft diameter	mm	40
Measuring speed	rpm	<100
Rim width (dynamic balancing)	inch	2-20
Rim diameter	inch	8-26
Max. wheel width	mm	650
Max. wheel diameter	mm	1300
Max. wheel weight	kg	250
Dimensions (W x D x H)	mm	1185 x 910 x 1160
Weight	kg	125
Power supply		with power pack: 230 VAC 1ph 50/60 Hz ia optional 12 VDC battery

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# b9250

# WHEEL BALANCERS



### Digital truck wheel balancer

Motorised wheel balancer for truck wheels

- Semi-automatic input of offset and rim diameter via 2D SAPE
- Input of width via keys
- Including pneumatic loading device
- Gauge arm with weight clamp
- 5 alloy modes
- Split weight mode
- Electronic friction brake for braking after measurement
- VPI Virtual plane imaging technique for uncompromised accuracy
- Conspicuous display

Technical data and dimensions		
Rim centre bore diameter	mm	light truck: 122-172 truck: 198-225/270-286.5
Shaft diameter	mm	40
Measuring speed	rpm	<100
Rim width (dynamic balancing)	inch	2-20
Rim diameter	inch	8-26 auto./8-30 man.
Max. wheel width	mm	650
Max. wheel diameter	mm	1300
Max. wheel weight	kg	250
Dimensions (W x D x H), wheel guard open	mm	1345 x 1455 x 2005
Weight	kg	270
Power supply		230 VAC 1ph 50/60 Hz

# Technical data and dimensions

# b9280

# WHEEL BALANCERS



### Motorised truck wheel balancer with monitor

- Semi-automatic input of offset and rim diameter via 2D SAPE and manual input of rim width
- Electronic friction brake to retain the wheel in any position
- Including loading device
- VPI Virtual plane imaging technique for uncompromised accuracy
- Automatic static and dynamic unbalance measurement in a single measuring run
- Split weight mode
- Patented optimisation mode
- 19" wide-screen monitor with comprehensive on-line help in more than 25 languages
- asanetwork capability



Technical data and dimensions			
Rim width setting range	inch	2-20	
Rim diameter setting range	inch	8-26 auto./8-30 man.	
Max. wheel width	mm	650	
Max. wheel diameter	mm	1300	
Max. wheel weight	kg	250	
Dimensions (W x D x H) - wheel guard open	mm	1370 x 1455 x 2005	
Weight	kg	308	
Power supply		230 V 1ph 50/60 Hz	

# TYRE CHANGERS



### Swing arm tyre changer

- Double-acting bead breaker cylinder
- Swing arm for minimum space requirement
- Mounting head manually adjustable in spaced-apart position relative to the rim
- Self-centring four-jaw turntable
- Plastic protection on mounting head to avoid damage to alloy rims
- T1300B: with top-side bead seating kit

Technical data and dimensions		
Inner clamping range	inch	12-22
Outer clamping range	inch	10 - 20
Rim width	inch	3-12
Max. tyre width	inch	13
Max. wheel diameter	mm	1000
Bead breaking range	mm	70-340
Dimensions (W x D x H)	mm	1150 x 1030 x 1730
Weight	kg	173
Compressed air supply	bar	8-12
Power supply	2	400 V 3ph 50 Hz

# TYRE CHANGERS



### Tyre changer with pneumatic tilt-back post

- Double-acting bead breaker cylinder
- Mounting head manually adjustable in spaced-apart position relative to the rim
- Self-centring four-jaw turntable
- Plastic protection on mounting head to prevent damage to alloy rims
- Pneumatic tilt-back post, pedal operated
- Post pneumatically locked in working position
- T5305: with pneumatic bead assist device MH 320 pro
- T5300B: with top-side bead seating kit

inch	12-22
inch	10 - 20
inch	3-12
inch	13
mm	1000
mm	70-340
mm	1160 x 1700 x 1850
kg	230
bar	8-12
	400 V 3ph 50 Hz
	inch inch inch mm mm kg

# **T5325 2S Plus**

# TYRE CHANGERS





### Tyre changer with PROspeed technology and 22" clamping capability

- Certified by wdk
- With pneumatic bead assist device MH 320 and plus kit for handling of UHP and run-flat tyre systems (additional optional adaptors required for PAX and CSR tyres)
- Double-acting bead breaker cylinder
- Mounting head manually adjustable in spaced-apart position relative to the rim
- Self-centring four-jaw turntable
- Plastic protection inside jaws and on mounting head
- Pedal-operated post, pneumatically tilted backwards and forwards
- Post pneumatically locked in working position
- PROspeed inverter technology offers a first speed as low as 7 rpm for critical tasks and a second speed automatically adjusted to between 7 and 18 rpm depending on the torque applied
- Pedal-controlled inflator and quick-inflating valve
- Precision pressure gauge fitted on post
- Adjustable bead breaker blade
- T5325B 2S Plus: top-side bead seating kit
- Also available as T5320 2S and T5320B 2S without MH 320 pro and plus kit (not certified by wdk)

Technical data and dimensions			
Inner clamping range	inch	12 - 24	
Outer clamping range	inch	10 - 22	
Rim width	inch	3-12	
Max. tyre width	inch	13	
Max. wheel diameter	mm	1000	
Bead breaking range	mm	40-392	
Dimensions (W x D x H)	mm	1300 x 1700 x 1860	
Weight	kg	300	
Compressed air supply	bar	8-12	
Power supply		230 V 1ph 50-60 Hz 16 A	

# **T5345 2S Plus**

# TYRE CHANGERS





# Tyre changer with PROspeed technology and 24" clamping capability

- Certified by wdk
- With pneumatic bead assist device MH 320 and plus kit for handling of UHP and run-flat tyre systems (additional optional adaptors required for PAX and CSR tyres)
- Double-acting bead breaker cylinder
- Mounting head manually adjustable in spaced-apart position relative to the rim
- Self-centring four-jaw turntable with redesigned sliding jaws
- Plastic protection inside jaws and on mounting head
- Pedal-operated post, pneumatically tilted backwards and forwards
- Post pneumatically locked in working position
- PROspeed inverter technology offers a first speed as low as 7 rpm for critical tasks and a second speed automatically adjusted to between 7 and 18 rpm depending on the torque applied
- Pedal-operated inflator and quick-inflating valve
- Bead breaker with adjustable length and blade inclination
- Tool box with integrated precision pressure gauge

T5345B 2S Plus: top-side bead seating kit

 Also available as T5340 2S and T5340B 2S without MH 320 pro and plus kit (not certified by wdk)

Technical data and dimensions		
Inner clamping range	inch	12 - 24
Outer clamping range	inch	10 - 24
Rim width	inch	3-12
Max. tyre width	inch	13
Max. wheel diameter	mm	1000
Bead breaking range	mm	40-392
Dimensions (W x D x H)	mm	1220 x 1700 x 1870
Weight	kg	310
Compressed air supply	bar	8-12
Power supply	230	V 1ph 50-60 Hz 16 A

# T5545 Plus

# TYRE CHANGERS





### Tyre changer with PROspeed technology for 15" maximum wheel width

- Certified by wdk
- With pneumatic bead assist device MH 320 and plus kit for handling of UHP and run-flat tyre systems (additional optional adaptors required for PAX and CSR tyres)
- Double-acting bead breaker cylinder
- Mounting head pneumatically adjustable in spaced-apart position relative to the rim
- Pedal-operated post, pneumatically tilted backwards and forwards
- Post pneumatically locked in working position
- Self-centring four-jaw turntable with redesigned sliding jaws
- Plastic protection inside jaws and on mounting head
- Outer clamping range up to 28" with optional adaptors
- PROspeed inverter technology offers a first speed as low as 7 rpm for critical tasks and a second speed automatically adjusted to between 7 and 18 rpm depending on the torque applied
- Pedal-operated inflator and quick-inflating valve
- Bead breaker with adjustable length and blade inclination
- Tool box with integrated precision pressure gauge
- T5545B 2S Plus: top-side bead seater
- Also available as T5540 2S and T5540B 2S without MH 320 pro and plus kit (not certified by wdk)

inch	12 - 24
inch	10 - 24
inch	3-14
inch	15
mm	1000
mm	40-392
mm	1350 x 1800 x 1920
kg	315
bar	8-12
230	V 1ph 50-60 Hz 16 A
	inch inch inch mm mm kg bar

# TANNN Plus

# TYRE CHANGERS





### Tyre changer for wheels up to 26" diameter

- Certified by wdk
- With pneumatic bead assist device MH 320 pro and plus kit for handling of UHP and run-flat tyre systems (additional optional adaptors required for PAX and CSR tyres)
- Mounting head pneumatically adjustable in spaced-apart position relative to the rim
- Double-acting bead breaker cylinder
- Pedal-operated post, pneumatically tilted backwards and forwards
- Post pneumatically locked in working position
- Two-speed inverter technology (7 and 14 rpm)
- Roller-supported horizontal arm
- Self-centring four-jaw turntable controlled via two clamping cylinders for correct clamping of the wheel
- Plastic protection inside jaws and on mounting head
- Bead breaker arm adjustable in two positions
- Large bead breaker blade
- Pedal-operated inflator and quick-inflating valve
- Tool box with integrated precision pressure gauge
- T6000 BS Plus: top-side bead seating kit
- T6000 BS: without plus kit (not certified by wdk)

Technical data and dimensions		
Inner clamping range	inch	14-28
Outer clamping range – with optional jaws	inch	12-26 -30
Rim width	inch	3-16
Max. tyre width	inch	17
Max. wheel diameter	mm	1200
Bead breaking range	mm	70-410
Dimensions (W x D x H)	mm	1720 x 1820 x 2160
Weight	kg	440
Operating pressure	bar	8-12
Power supply		230 V 1ph 50-60 Hz

# MH 310 pro / MH 320 pro

# TYRE CHANGERS



### MH 320 pro is an indispensable tool for mounting and demounting low profile tyres and run-flat tyre systems

- The powerful pneumatic bead assist device is an indispensable accessory for mounting and demounting tyres which are difficult to handle, such as low profile tyres and run flat tyre systems or tyres with hard sidewalls. It is an optimum complement to a tyre changer.
- During the demounting operation the bead pusher presses the upper bead into the drop centre of the rim so that it can be easily levered over the mounting head nose and finally demounted without any effort.
- During the mounting operation of the upper bead the disc retains the bead under the mounting head nose. The bead pusher follows rotation of the wheel, doing the otherwise tedious job of the operator, while preserving both tyre and rim.
- The pneumatic bead assist device is an optional extra for tyre changers from T1300 (MH 310 pro) up to T5540 2S (MH 320 pro) and can be easily fitted by the customer.
- It is a standard feature of all T6000 and all Plus tyre changers.

# T7300P

# TYRE CHANGERS





### Centre-clamp car tyre changers with variable speed

### T7300P

- Certified by wdk
- Familiar design of mounting head plus tyre lever and on-side pedal-operated bead breaker blade
- Innovative centre-clamp design with electro-mechanical clamping flange: fast, accurate and gentle to the rim
- PROpeed inverter technology offers a first speed as low as 7 rpm for critical tasks and a second speed automatically adjusted to between 7 and 20 rpm depending on torque applied
- Pneumatic tilt-back tower, pedal-operated
- Pneumatic bead assist device with bead press roller
- Capable of handling the majority of wheel assemblies in the market
- Top-side bead seating kit
- Pneumatic wheel lift
- T7300G: Wheel lift as an option
- T7300S: Wheel lift and bead press rollers as options, no top-side bead seater, not certified by wdk

Technical data and dimensions			
Clamping range	inch	12-26	
Max. rim width	inch	14	
Max. wheel width	inch	15	
Max. wheel diameter	inch	44/1120 mm	
Wheel weight	kg	70	
Speed	rpm	7/7-20	
Bead breaker range	mm	40-390	
Dimensions (W x D x H)	mm	1850 x 1960 x 2270	
Machine weight	kg	485	
Operating pressure	bar	8-12	
Power supply	230 V 1ph 50-60 Hz		

# Centaur

# TYRE CHANGERS





### Semi-automatic tyre changers with dynamic bead breaking

### **Centaur Platinum**

- Certified by wdk
- Automatic mounting tool with integrated demounting finger no need for tyre lever
- For standard, low-profile, UHP and run-flat tyres
- ESDB<sup>™</sup> electronically synchronised dual-disc bead breaker
- Centre-type quick-fit wheel clamping flange
- Pneumatic bead press arm to protect the rims
- Sidewall press arm for convenient demounting of hard sidewall tyres
- Automatic swing arm for reduced space requirement
- Two-speed inverter technology (7 and 14 rpm)
- Laser pointer for exact mounting head adjustment
- Pedal-controlled inflator and top-side bead seater Ergonomic wheel lift
- Centaur Gold: Wheel lift as an option
- Centaur Advanced: Wheel lift, pneumatic bead press arm and sidewall press arm as options, no laser pointer, no top-side bead seater, not certified by wdk
- Centaur Advanced BS: Same as Centaur Advanced, but with top-side bead seater

Technical data and dimensions			
Max. wheel width	inch	15	
Max. wheel diameter	mm	1200/47"	
Wheel weight	kg	70	
Clamping flange speeds	rpm	7/14	
Dimensions (W x D x H)	mm	2200 x 1900 x 2300	
Machine weight	kg	430	
Operating pressure	bar	8-12	
Power supply	2	30 V 1ph 50-60 Hz	

# Quadriga 1000

# TYRE CHANGERS





### Automatic tyre changers with dynamic bead breaking

- Certified by wdk
- Non-contact detection of rim contour by laser
- Automatic control of mounting and demounting tools, user only has to start operation on the control console
- Automatic labour-saving and accurate positioning of wheels on clamping flange by means of wheel lift
- Hydraulic clamping of wheel via clamping flange and quick nut
- Two-speed inverter technology to optimise speed and torque depending on the requirements of the mounting and demounting operations
- Rotating bead breaker disc with adjustable pitch angle
- Integrated bead pusher
- Pedal-operated inflator
- Quadriga 1000 BB: Pedal-operated inflation via top-side bead seating kit

Technical data and dimensions			
Rim diameter	inch	12-30	
Max. wheel diameter	inch	47/1200 mm	
Max. rim width	inch	17	
Max. tyre width	inch	17	
Wheel weight	kg	70	
Dimensions (W x D x H)	mm	1290/1350 x 2240 x 1850	
Machine weight incl. lift	kg	820	
Operating pressure	bar	8-12	
Power supply		230 V 1ph 50-60 Hz	

# T8010 TR

# TYRE CHANGERS



# Truck tyre changer for mounting and demounting tubeless truck and bus tyres on steel or alloy rims

- Access ramp for easy loading of the tyre changer.
- Two rollers for bead breaking and tyre changing allow quick operation. Both the inner and outer beads are demounted in a single process.
- The innovative design ensures that the rollers are always centred relative to the wheel.
- Wheels, rollers and control console are so positioned relative to each other to make retreading of tyres extremely convenient.
- Easy control via integrated control console
- Clamping of wheel by its centre bore via cone and wing nut

Technical data and dimensions			
Clamping range	inch	16 - 22.5	
Max. wheel width	inch/mm	20/500	
Max. wheel diameter	inch/mm	47/1200	
Wheel weight	kg	200	
Chuck speed	rpm	4	
Bead breaker force	kN	18	
Dimensions (W x D x H)	mm	1270 x 1290 x 1100	
Weight	kg	330	
Power supply	40	0 V 3ph 50 Hz	

# TYRE CHANGERS



# Truck tyre changer to mount and demount truck and bus tyres from drop centre and split ring rims

- Electro-hydraulic drive
- Mobile control unit
- Positioning of wheel and tool within a wide accurate adjustment range
- Infinitely self-centring universal hydraulic chuck
- Bead breaker roll and mounting/demounting tool fitted on swing arm
- Safety valve on chuck prevents accidental unclamping of wheels
- Ergonomic operation owing to vertically adjustable control unit

Technical data and dimensions				
Clamping range	inch	14-26		
Max. wheel width	inch/mm	27.5/700		
Max. wheel diameter	inch/mm	59/1500		
Wheel weight	kg	1000		
Chuck speed	rpm	7		
Bead breaker force	kN	27		
Dimensions (W x D x H)	mm	1670 x 1400 x 840		
Weight	kg	550		
Power supply	400 V 3ph 50 Hz			

# TYRE CHANGERS



### Truck tyre changer for truck, utility vehicle and OTR wheels of 14" - 56"

### T8056

- Electro-hydraulic drive
- Rugged over-sized chuck
- Mobile control unit
- Positioning of wheel and tool within a wide accurate adjustment range
- Infinitely self-centring universal hydraulic chuck
- Unique bead breaker disc for bead breaker force of up to 33 kN
- Bead breaker steel disc mounted on specially hardened bushing is easy to lubricate and ensures long life

### T8056R

- Revolving control panel, mounted on a swing arm, for ergonomic operation
- Unique up and down moving tool holder arm and automatically rotating tool are time-saving and easy to handle
- Sidewise movement of tool holder arm and chuck are hydraulically controlled for quick and convenient operation

Technical data and dimensions				
Clamping range	inch	14-32		
- w/ optional extensions	inch	14-56		
Max. wheel width	inch/mm	43/1100		
Max. wheel diameter	inch/mm	92.5/2350		
Wheel weight	kg	1500		
Chuck speed	rpm	4/8		
Bead breaker force	kN	33		
Dimensions (W x D x H)	mm	2100 x 2100 x 1480 mm R: 2450 x 2100 x 1480		
Weight	kg	761/R: 897		
Power supply	400 V 3ph 50 Hz			

# TYRE CHANGERS



# Truck tyre changer for tyre shops to mount and demount tyres of utility vehicles and earth moving machines

- Rugged chuck design
- Double reinforced frame allowing to handle wheels of up to 1500 kg
- Unique patented bead breaker disc for easy operation
- Control unit with switch to control two operations simultaneously
- 2 Chuck speeds, preset with a switch
- Vast range of standard accessories

Technical data and dimensions			
Clamping range	inch	14 - 44	
- w/ optional extensions	inch	14-56	
Max. wheel width	inch/mm	43/1100	
Max. wheel diameter	inch/mm	90.5/2300	
Wheel weight	kg	1500	
Chuck speed	rpm	4/8	
Bead breaker force	kN	33	
Dimensions (W x D x H)	mm	2565 x 1800 x 850	
Weight	kg	945	
Power supply	400 V 3ph 50 Hz		

# TYRE CHANGERS



### Universal truck tyre changer for rim diameters of 4"- 58"

### T8058 B

- Extremely wide clamping range for rims of 4" 58" without extensions
- High bead breaking force of up to 38 kN
- Rugged design for intensive handling of wheels of up to 2000 kg and 2.5 m diameter
- Lowering of chuck to 350 mm to facilitate accommodation of rims of small diameter
- Long jaws to accommodate rims of high offset
- Accommodation of rim flanges of up to 40 mm thick
- Control console with switch for simultaneous control of two functions
- 2 Chuck speeds to be preset by switch
- Connecting cable between machine and control unit

### T8058 BA

Same as T8058 B, but control unit ergonomically fitted on boom on machine

### T8058 WL

Same as T8058 B, but additionally:

- Radio-controlled operation
- Automatic operation of mounting tool and preset tool carriage travel

Technical data and dimensions				
inch	4-58			
inch/mm	59/1500			
inch/mm	98.5/2500			
kg	2000			
rpm	4 or 8			
kN	38			
mm	2990 x 2100 x 2025			
kg	1450			
400 V 3ph 50 Hz				
	inch inch/mm inch/mm kg rpm kN mm kg			

# SOL 3000

LIFTS



### Electro-mechanical two-post lift

for cars up to 3000 kg

- Perfect ground clearance no base frame
- Asymmetric design for easy car door access on both sides
- Special arm and pad configurations to lift a wide range of vehicles without using special accessories
- Easy accommodation of low-bed vehicles owing to a pick-up height of as low as 98 mm
- Automatic arm locks
- Lifting nuts made of wear-proof material (Nylatron<sup>\*</sup>)
- Automatic lubrication and redundant safety devices for absolute reliability
- Two drive motors with synchronisation control
- 4 adjustable pick-up pads 98-140 mm, 120 mm diameter, fastening means (12 heavy-duty anchor bolts HLS-3-G M16/100)

Technical data and dimensions		
Rated load capacity	kg	3000
Overall width	mm	3300
Max. width inside arms	mm	2360
Overall height	mm	4230
Lifting time	S	45
Max. screw travel	mm	1890
Pick-up height with adjustable pads		98-140
Power supply	380-415	5 VAC 3ph 50/60 Hz

# TL 204-RP

# BRAKE TESTERS AND TEST LANES



### Test lane for cars and vans up to 4 t axle load modular design and flexible installation

- Maximum flexibility owing to modular design and wireless Bluetooth technology
- Automatic test procedure for determination of:
  - Rolling resistance
  - Ovality
  - Braking force imbalance left / right
  - Braking force left / right
  - Braking efficiency

### Basic module - brake tester

- Compact or split roller set, galvanised and hence suitable for outdoor installation
- Rollers with long-life Composite coating or steel rollers in SmoothGrip design, 700 or 1000 mm long
- With rust-proof safety rollers and splash-proof motors (3.7 or 5 kW)
- Determination of data with wear-free strain-gauge type load cells
- 4WD mode and dual direction testing already included in basic version - radio remote control required
- Electric-automatic drive-off aid
- Cut-out at wheel lock
- Alternatively with brake motors

### **Display modules**

- Workstation with monitor with user-friendly graphical user interface
- Alternatively virtual-analogue 32" or 42" display module

### Additional modules

- EUSAMA suspension tester
- Optional noise tester for EUSAMA Tester
- THETA suspension tester including noise tester
- Side-slip tester
- Extensive range of optional accessories

# TL 2204 PC

# BRAKE TESTERS AND TEST LANES

# Test lane for cars and light trucks up to 4 t axle load, PC version

- Control unit integrated in PC cabinet
- PC user software
- Database to store all customer and vehicle data
- Modular design
- Manual and automatic test sequences
- Compatible with asanetwork

### Brake tester:

- One-part self-supporting galvanised roller set
- 15 m cable set
- Rollers with long-life Composite coating, or steel rollers in SmoothGrip design, 700 or 1000 mm long
- Motor rating 2 x 3.7 kW
- Idling speed 5.4 km/h
- Splash-proof motors
- Electro-automatic drive-off aid

### Eusama-type suspension tester

- Motor rating 3 kW
- Dynamic evaluation of vibratory behaviour of vehicle

### or Theta-type suspension tester

- Motor rating 2 x 1.1 kW
- One-part galvanised mechanics with integrated electronic unit
- Determination of damping ratio according to Lehr Theta principle



# **BT TRUCK**

# BRAKE TESTERS AND TEST LANES





# Roller brake testers for trucks and buses for 6 t, 13 t, 15 t, 16 t and 20 t axle load

- Analogue display
- Rollers with expanded metal mesh and plastic coating, or alternatively in SmoothGrip design
- Galvanised roller set
- 30 m cable set
- Elevated rear rollers
- Splash-proof motors
- Electro-automatic drive-off aid
- Automatic test sequence
- Automatic switching over between car and truck mode
- Interface for printer/PC
- Cut-out at wheel lock
- Optional side-slip tester TT 4020
- Optional load simulator NSV 3000 (all truck brake tester N and G versions for 13 t axle load and more)
- Optional 4WD mode

### Alternative configuration:

- Brake tester BT for trucks
  - with 2 test speeds
  - with brake motors
  - in PC version
  - with level rollers, dual direction testing and 4WD mode (BT 3513 and above)
# BT 500

## BRAKE TESTERS AND TEST LANES





## Roller brake tester for motorcycles

- Analogue display
- One-part self-supporting galvanised roller set
- 15 m cable set
- Motor rating 2.5 kW
- Idling speed 5.5 km/h
- Rollers 300 mm long
- Splash-proof motor
- Determination of rolling resistance (tight brake)
- Determination of ovality (drum/disc)
- Cut-out at wheel lock

### Alternative configuration:

BT 500 PC B - PC version, electronic unit housed in E box

# Visualiner™ PRISM 42

# WHEEL ALIGNERS



## PRISM car wheel aligner

- Prism technology combines the benefits of CCD technology with those of 3D alignment technology
- User software Pro42 VALUE
- Mobile terminal with printer shelf and PC compartment plus additional storage space
- 19" TFT wide-screen monitor
- PC with Windows<sup>®</sup> operating system
- Colour printer
- Set of 2 targets and 2 PODs with magnesium wheel clamps 11" 22"
- Complete and up-to-date OEM specs
- Measurement screen with all relevant data
- Can be used in different wheel alignment bays
- Cordless communication via Bluetooth
- Long-life lithium-ion batteries
- No need for spoiler adaptors
- Easy to service
- Ride height modified vehicle specifications
- A-arm adjustment

## Visualiner<sup>™</sup> PRISM 42 ELITE

- User software Pro42 SILVER
- Additional features: run-out compensation by rolling of the vehicle and measurement of vehicle dimensions as well as other enhanced features

# WHEEL ALIGNERS



## 3D on-the-car wheel aligner

- True 3D on-the-car wheel alignment technology with 2 rear camera pods with AC700 wheel clamps, 2 front targets with AC700 wheel clamps and 2 lift-mounted reference pods
- 3D vehicle measurement provides accurate and live alignment adjustment, full vehicle dimensions, and easy installation requiring no lift calibration
- Cordless design with WiFi both for alignment components and for connection to the internet
- Graphics display provides all relevant data optimised for visibility and clarity
- Mobile control terminal with 22" monitor, printer and battery chargers for pod batteries
- New easy rolling run-out compensation has short roll that stays on the turntable
- New information preview provides critical data before work begins - time-saving, ergonomic and easy to understand
- Live alignment error checking with compensate, warn, alert notification system to notify the user of errors as they happen without slowing the process
- Dynamic ride height and frame angle based vehicle specs
- VODI (visual indicators) on the pods guides the technician through the measuring process
- Live adjustment of camber, caster, and toe (elevated)
- Measurement of toe-out on turns and manual ride height measurement
- EZ Toe<sup>®</sup> allows adjustment without steering wheel holder or at maximum steering angle, prevents crooked steering wheels and simplifies adjustment
- Automatic online specification and software update

# Visualiner™ 3D ELS

## WHEEL ALIGNERS



## 3D car wheel aligner

- 3D alignment technology with two cameras and movable camera beam
- User software Pro32 VALUE
- PC-in-box attached to post with Windows<sup>®</sup> operating system
- 19" TFT wide-screen monitor
- 4 universal wheel clamps AC100 clamping range 11" 22"
- 4 targets
- Colour printer
- Simple operation and quick accurate measured results
- Complete and up-to-date OEM specs
- 3D measurement screen with all relevant data
- The Vehicle Orientation Directional Indicator (VODI) guides the technician through the measuring process

# Visualiner™ 3D Lite

# WHEEL ALIGNERS



## 3D car wheel aligner

- 3D alignment technology with two cameras
- User software Pro32 VALUE
- Moveable camera beam support (lift version work level 0 2.0 m) with two cameras or camera beam without support.
   Tall (1.8 m high, 1.2 m work level) or short (1 m high, pit version) supports are available as optional extras to suit requirements at site
- Mobile control terminal with printer shelf and closed PC compartment
- 19" TFT wide-screen monitor
- PC with Windows<sup>®</sup> operating system
- 4 targets
- 4 universal wheel clamps AC100 clamping range 11" 22"
- Colour printer
- Simple and quick operation for accurate measurement results
- Complete and up-to-date OEM specs
- 3D measurement screen with all relevant data

## WHEEL ALIGNERS



## 3D Wheel aligner with XD technology

- XD alignment technology with two ultra-high resolution cameras for accurate and repeatable measurements
- User software Pro42 SILVER
- Moveable camera beam support (lift version work level 0 2.0 m) with two high-resolution XD cameras or camera beam without support(s). Tall (1.8 m high, 1.20 m work level) or short (1 m high, pit version) supports are available as optional extras to suit requirements at site
- 4 small and lightweight single-plane targets (XD)
- 4 universal wheel clamps AC100 with rim clamping range 11" 22"
- Mobile control terminal with printer shelf
- 22" wide-screen monitor
- Embedded PC with Windows<sup>®</sup> operating system
- 3D measurement screen with all relevant data
- Complete and up-to-date OEM specs
- On-line help with 3D animated graphics
- Vehicle Orientation Directional Indicator (VODI) guides the technician through the measuring process
- Measurement of toe, camber, caster, and maximum steering angle
- EZ Toe<sup>™</sup> for easy and convenient adjustment at maximum steering angle
- A-arm and cradle adjust
- Optional drive-on camera for easy positioning of the vehicle on the lift

# WHEEL ALIGNERS



## 3D Wheel aligner with XD technology

- XD alignment technology with ultra-high resolution cameras for accurate and repeatable measurements
- User software Pro42 GOLD
- Moveable camera beam support (lift version work level 0 2.0 m) with two high-resolution XD cameras or camera beam without support(s). Tall (1.8 m high, 1.20 m work level) or short (1 m high, pit version) supports are available as optional extras to suit requirements at site
- 4 small and lightweight single-plane targets (XD)
- 4 universal wheel clamps AC100 with rim clamping range 11" 22", or alternatively 4 self-centring AC400 quick wheel clamps with tyre diameter range 19" - 39"
- Mobile control terminal
- 22" wide-screen monitor
- Embedded PC with Windows<sup>®</sup> operating system
- 3D measurement screen with all relevant data
- Complete and up-to-date OEM specs
- OEM routines for wheel alignment in line with OEM specifications
- On-line help with 3D animated graphics
- Vehicle Orientation Directional Indicator (VODI) guides the technician through the measuring process
- Measurement of toe, camber, caster, maximum steering angle, rolling radius and cross diagonal
- EZ Toe<sup>™</sup> for easy and convenient adjustment at maximum steering angle
- EZ Access for measurement with demounted wheels
- A-arm and cradle adjust
- Optional camera kit for driver assist systems
- Optional TIP (target imaging pointer) for ride height measurement
- Optional drive-on camera for easy positioning of the vehicle on the lift

# WHEEL ALIGNERS



## 3D Wheel aligner with XD technology

- XD alignment technology with ultra-high resolution cameras for accurate and repeatable measurements
- User software Pro42 PLATINUM
- Moveable camera beam support (lift version work level 0-2.0 m) with two high-resolution XD cameras or camera beam without support(s). Tall (1.8 m high, 1.20 m work level) or short (1 m high, pit version) supports are available as optional extras to suit requirements at site
- 4 small and lightweight single-plane targets (XD)
- 4 universal wheel clamps AC100 with rim clamping range 11" 22", or alternatively 4 self-centring AC400 quick wheel clamps with tyre diameter range 19" - 39"
- Mobile control terminal
- 22" wide-screen monitor
- Embedded PC with Windows<sup>®</sup> operating system
- 3D measurement screen with all relevant data
- Complete and up-to-date OEM specs
- OEM routines for wheel alignment in line with OEM specifications
- On-line help with 3D animated graphics
- Quick alignment check with audit print-out
- Vehicle Orientation Directional Indicator (VODI) guides the technician through the measuring process
- Automatic measurement of vehicle dimensions
- Measurement of toe, camber, caster, maximum steering angle, rolling radius, cross diagonal, scrub radius, graphical caster trail and ProAckermann
- EZ Toe<sup>™</sup> for easy and convenient adjustment at maximum steering angle
- EZ Access for measurement with demounted wheels
- A-arm and cradle adjust
- Compatibel with asanetwork
- Optional TIP (target imaging pointer) for ride height measurement
- Optional camera kit for driver assist systems
- Optional drive-on camera for easy positioning of the vehicle on the lift

## WHEEL ALIGNERS



# 3D 3-camera wheel aligner with premium Pro42 software and XD alignment technology

- Bluetooth communication easy installation and maximum mobility – no cables
- XD alignment technology with 3 ultra high resolution cameras and 2 independent camera towers, ideally suited for drive-through solutions
- 3D digital camera system with improved DigiSmart technology for automatic focussing of targets
- 4 XD targets and 4 universal wheel clamps 11" 22" (AC100), or alternatively 4 AC400 quick wheel clamps
- Premium control terminal
- 24" flat-screen monitor, colour printer
- PC with icon-based Pro42 premium user software
- 3D measurement screen with all relevant data
- Complete and up-to-date OEM specs
- Integrated OEM procedures
- Automatic measurement of vehicle dimensions
- On-line help with 3D animated graphics
- EZ Toe<sup>™</sup> for easy and convenient settings at maximum steering angle
- Automatic caster sweep
- Rolling Radius
- Cross diagonal measurement
- A-arm adjustment
- Cradle adjustment
- Compatible with asanetwork
- TIP (target imaging pointer) for ride height measurement included in delivery
- Optional camera kit for driver assist systems
- Optional mobility kit for use in different alignment bays

## WHEEL ALIGNERS



# Audit wheel aligner with Pro42 Audit software and XD alignment technology

- Quick alignment audit in less than 60 seconds to detect worn suspension components and to prevent premature tyre wear
- Bluetooth communication easy installation and maximum mobility no cables
- Measurement of track width, front and rear toe, camber, wheelbase, rolling radius and cross diagonal
- Automatic print-out of alignment measurement report
- Ideally suited for drive-through solutions
- Digital XD camera system with ultra-high resolution cameras
- 4 AC400 quick wheel clamps and 4 XD targets very small and lightweight
- 2 short towers
- Embedded PC with Windows<sup>®</sup> operating software and Pro42 user software
- 22" TFT wide-screen monitor, colour printer
- Optional mobility kit for use in different alignment bays


# OEM

## RECOMMENDATIONS

John Bean machines and accessories have been recommended by many car and tyre manufacturers.

AMG see MERCEDES

AUDI see VOLKSWAGEN

BENTLEY see VOLKSWAGEN

BUGATTI see VOLKSWAGEN

DUNLOP B2000P T6000 plus Centaur Platinum Quadriga 1000

GOODYEAR see DUNLOP

LAMBORGHINI see VOLKSWAGEN

MAYBACH see MERCEDES

# MERCEDES-BENZ

T5325 2S Plus

T5345 2S Plus

MB centring kit to be used in conjunction with every car wheel balancer B300L B500P B600P B800P B1200P

T5345B 2S Plus T5545 2S Plus T7300G Centaur Platinum Quadriga 1000 Ouadriga 1000 BB Visualiner™ 3D2-MB Gen II Lift Visualiner™ 3D Arago-MB Gen II TL 204-RP (K-CPS-700) TL 204-RP (K-CPS-700 BrM) TL 204-RP (K-CPS-1000) TL 204-RP (K-CPS-1000 BrM) TL 204-RP (K-CPS-700-5) TL 204-RP (K-CPS-1000-5) BT 4516 1 1300mm 16t BT 4516 2 1300mm 16t BT 4616 1 16t BT 4616 2 16t

## MICHELIN

Used for training in the MCTI in Germany: b9200

NISSAN V2400 Lift AC100 V3400 AC100

## OPEL

B300S / L / P B500L / P B800P B2000P + OptiLine + RFV T5545 2S Plus T5545B 2S Plus Centaur Platinum V2400 Lift AC100 V3400 AC100

# OEM

## RECOMMENDATIONS

## PORSCHE

Wheel aligners - see VOLKSWAGEN

## RENAULT

B500L / P MH 320 pro T5540 2S Visualiner™ Prism Visualiner™ Prism ELITE V2300 Lift AC400 V2400 Lift AC100 V3400 AC100

## SEAT see VOLKSWAGEN

SKODA see VOLKSWAGEN

# SMART

see MERCEDES

VOLKSWAGEN -UNBRANDED PRODUCTS VAS 741 021 VAS 741 023 VAS 741 015 VAS 741 015/1 VAS 6309 VAS 6310 VAS 741 017 VAS 741 019 VAS 741 029 VAS 6311A VAS 741 041 VAS 741 043 VAS 6674 VAS 6346 C VAS 741 031 VAS 6824 VAS 6616 VAS 6312-1

VAS 701 001

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Part of the machines is illustrated with optional extras available at extra cost. Technical modifications reserved.



Cod.: 9402 076 · 08/2016