EQUIPMASTERS corporation

Technology For Modern Workshop

3DL

MADE IN ITALY

Butler

Speed 3D liner

WHEEL ALIGNMENT

Bluetooth®

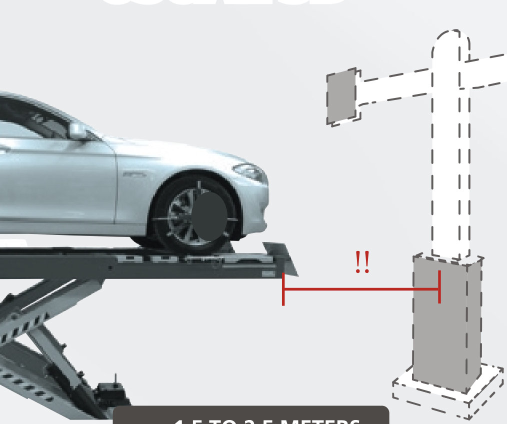
WHEEL ALIGNERS

Properly aligned vehicles have lower tyre wear and reduced fuel consumption.

QUALITY SYSTEM CERTIFICATION DNV·GL ISO 9001

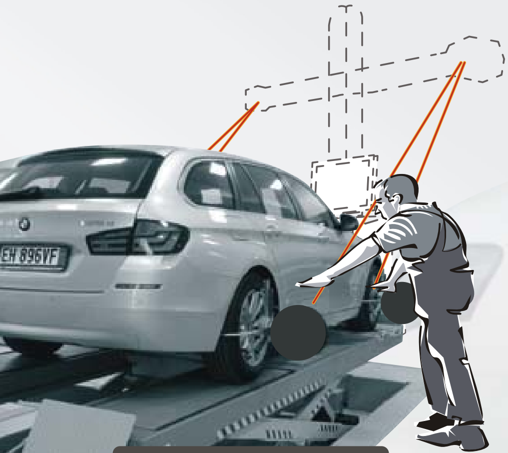
SAFETY SYSTEM CERTIFICATION DNV·GL OHSAS 18001

USUAL 3D



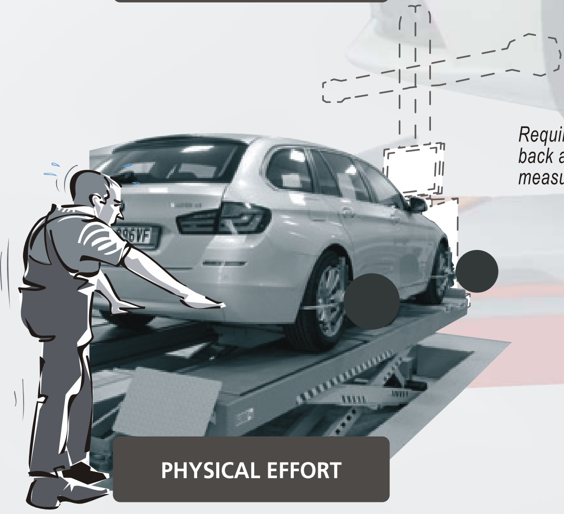
Fixed obstacle in front of the lift. Valuable space lost in the workshop.

1.5 TO 2.5 METERS LOST SPACE



Frequent interruption of trasmission signal.

NO SIGNAL



Requires vehicle to be pushed back and forth to produce measurements.

PHYSICAL EFFORT

Limited to use in only one alignment bay. One working height only.

ONE LIFT ONLY, ONE HEIGHT ONLY

Speed 3D liner

Portable aligner console can be positioned anywhere for ultimate convenience. Maximizes available workspace.

NO OBSTACLE

Perfect transmission signal always.

NO INTERRUPTION

No rolling or pushing of the vehicle to make runout compensation. Automatic and instant 3D target visualization.

NO COMPENSATION

Use the aligner in more than one bay location (optional supports required). Can be used at any height.

NO LIMITATION

ONE PAGE SUMMARY

Summary and comparison of diagnosis/repair values on a single screen.

EASY DATA

EASY ALIGNMENT

- Data management and display program in WINDOWS environment
- Data bank with more than 90.000 vehicle data sheets
- Further data sheets can be added by the user
- Customer data bank for recording 20.000 jobs with search by customer name or vehicle plate number

3DT® TARGET
(SOLID VISION TECHNOLOGY)

PATENTED
BREVETTATO

**EXTREMELY FAST:
NO COMPENSATION
REQUIRED**

Exclusive 3D targets:
- *no need for run out compensation*
- *extremely light*
- *no electronic components inside*
- *no maintenance required.*

STDA117 (2 x kit included)
Supporti / *Supports*

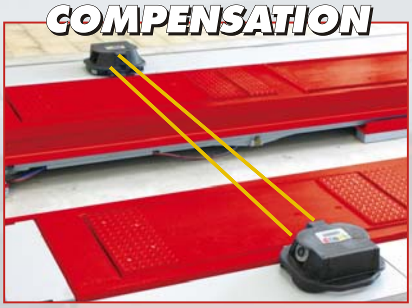
**MOBILE
AND SAFE**

Quick clamp to the lift. Pivoting support to avoid damage with obstacles while lowering.

**COMPACT AND
ADJUSTABLE**

The base of the sensor can be translated outward by 65 mm in case of extra large vehicles.

LIFT LEVEL COMPENSATION



*Can be used on any 4 post or scissors lift.
Automatic lift level compensation.*

QUICK CONTROL
PROGRAM INCLUDED

QC2R (Quick Control 2 Reverse) allows to quickly diagnose front axle angles: total toe and camber. After measurement the user will decide whether to carry on with alignment operation and vehicle adjustment.

Option: STDA 3D/QC

FINAL PAGE

Technical Specifications:

FEATURES	ACCURACY	MEASURING RANGE	TOTAL MEASURING RANGE
Front axle			
Total toe	+/- 2'	+/- 2°	+/- 20°
Partial toe	+/- 1'	+/- 1°	+/- 20°
Set-back	+/- 2'	+/- 2°	+/- 5°
Camber	+/- 2'	+/- 3°	+/- 10°
Caster	+/- 5'	+/- 10°	+/- 18°
King pin	+/- 5'	+/- 10°	+/- 18°
Rear axle			
Total toe	+/- 2'	+/- 2°	+/- 20°
Partial toe	+/- 1'	+/- 1°	+/- 20°
Set-back	+/- 2'	+/- 2°	+/- 5°
Camber	+/- 2'	+/- 3°	+/- 10°
Thrust angle	+/- 2'	+/- 2°	+/- 5°

STANDARD ON ALL

- *1 control unit with PC, monitor, key-board, printer*
- *2 measuring heads*
- *4 clamps with target*
- *1 pair of turn tables*
- *1 brake pedal depressor*
- *1 steering wheel lock*
- *Instruction manual on CD*

S110A7
(→ SP, L)
(2 x kit)
Turntables

STDA117 (2 x kit included)
Supporti / *Supports*

OPTIONS

STDA 118
2 cables for emergency power supply

STDA 128
Additional 2 batteries set

SPEED3DL

Bluetooth®

Sensors (patent pending) with fixed cameras. Targets mounted on 4 point clamps.

4 POINT CLAMP

10'- 24''

30° RUNOUT COMPENSATION

*Wheel run out quick compensation in a little space.**

* Ø 500mm	→ 150mm
Ø 600mm	→ 170mm
Ø 700mm	→ 200mm
Ø 800mm	→ 230mm

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