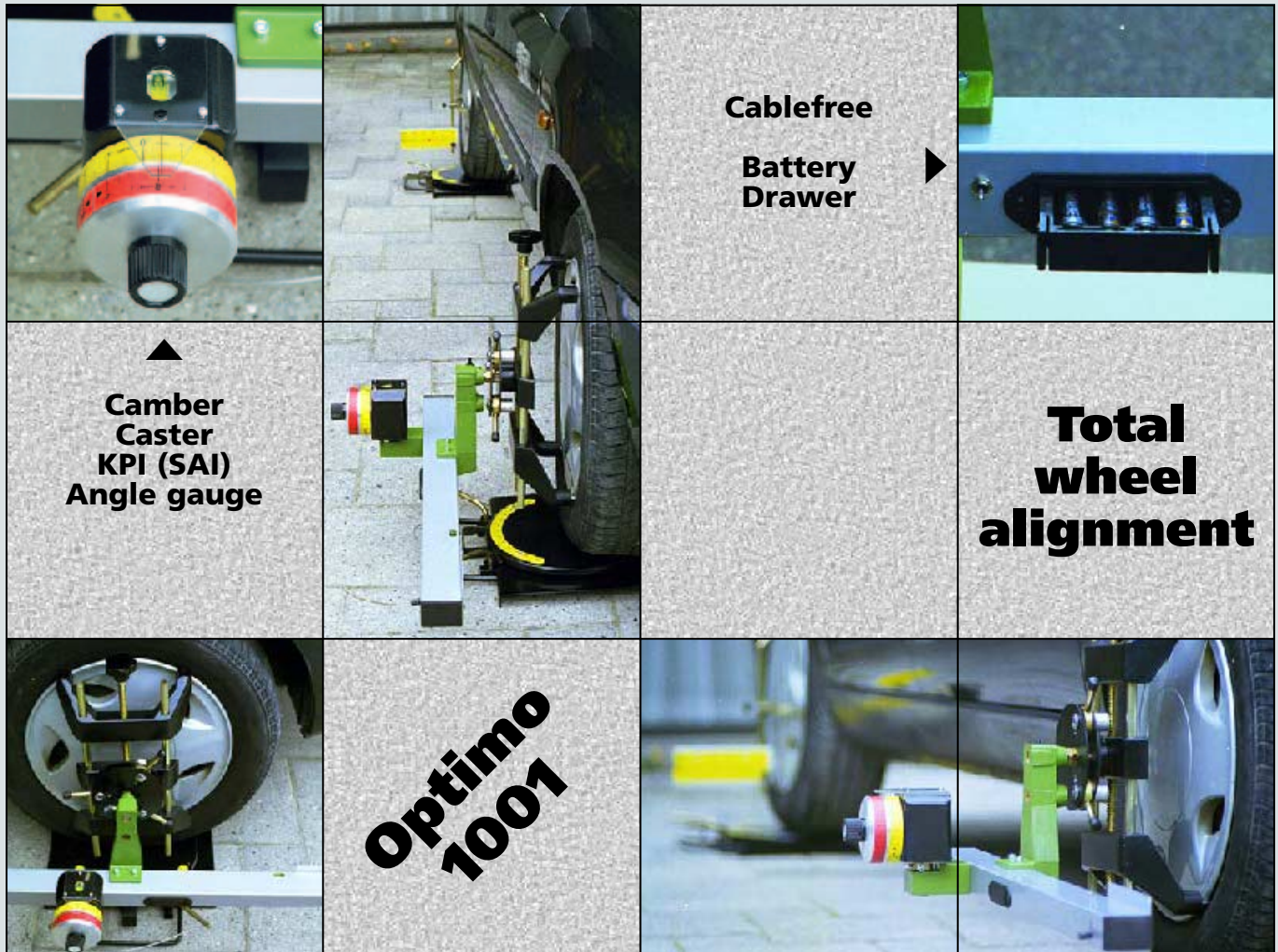


Optimo 1001

Laser Wheel Aligner

For cars and vans with 12"-19" wheels



The Optimo 1001 laser wheel aligner is a complete alignment system, extremely easy to operate and providing exact and fast wheel alignment of front and rear wheels.

Toe-in/Toe-out, Set-back, centring of the steering wheel and Camber are measured in only one operation. Caster, King Pin Inclination (SAI) and Toe-

out on turns are measured at the same time by turning the wheel 20° in and out.

Toe-in/Toe-out and Camber of the rear wheels are measured in one operation only.

Readings can be taken under any light conditions. Due to the battery power system alignment can be performed indoors or outdoors on a level ground.

OPTIMO: MASKINFABRIK

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The **OPTIMO 1001** is Laser based and battery operated, using normal type batteries, 1.5 V size AA.

Each measuring head projects two laser-beams, one transverse for toe measuring and one longitudinal for centre line steering and rear wheel alignment.

Camber, Caster and King Pin Inclination (SAI) are measured by a very accurate spirit level. The readings are taken on big dials with precise scales.

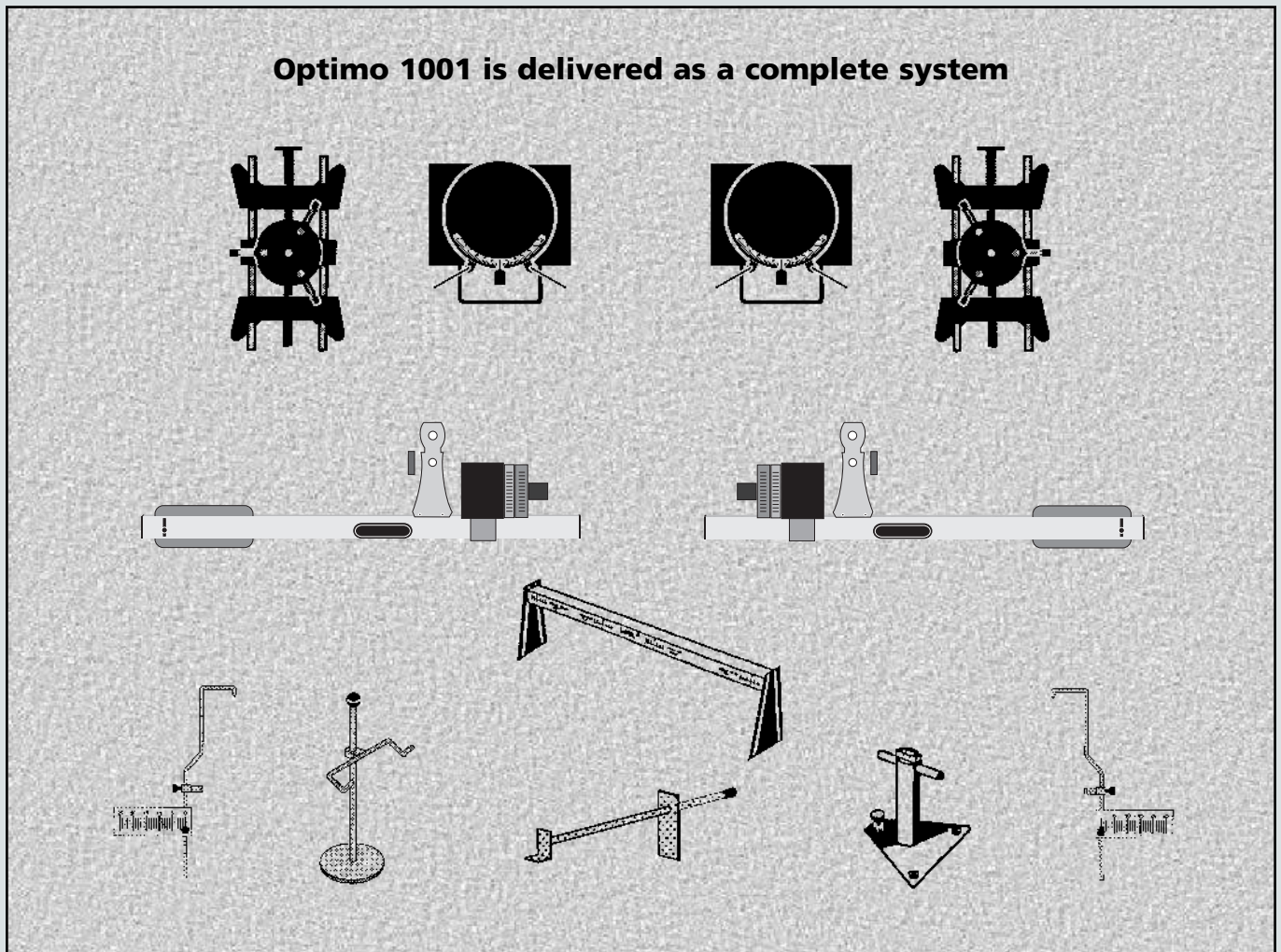
Toe-out on turns is read direct on the scale of the sturdy turntables. They work to perfection, and

even heavy loads are easily absorbed by the big thrust bearings with elastic nylon balls.

Self-centring wheel clamps secure perfect grip on steel and alloy rims. Build-in 3-point run-out compensator.

Centre line scales with wheel hanger, brake pedal depressor, steering wheel holder and calibration tool are included.

With the calibration tool, the measuring system can easily be checked and adjusted to assure correct alignment readings.



Technical data:

Wheel sizes: 12"-19" steel and alloy wheels.
Maximum outer tyre diameter: 830 mm.
Maximum axle load on turntables: 2500 kgs.
Power supply: 2x4 pcs. 1.5 V batteries size AA.
Laser beams: Class II, max. 0.9 milliwatt.

Packing:

One cardboard box on pallet gross weight 50 kgs, volume 0.28 cbm.

Measuring range front wheels:

Total Toe: -15 to +30 mm and -2° to +4°
Camber: -4° to +8°
Caster: -2° to +15°
King Pin Inclination (SAI): -2° to +15°
Set-back: 0 to 50 mm
Turning angle: 0° to 60° inward and outward

Measuring range rear wheels:

Total Toe: -15 to +30 mm and -2° to +4°
Camber: -4° to +8°