



# Jumbo 3D OPTIMA

World's First 3D Wheel Aligner for Multi-Axle Trucks, Buses & Trailers



International PATENT  
including USA

**Easy Runout within 1 minute  
No Pushing / No Lifting**

**No Electronics on wheels**



- Runout of all 5 Axles by driving the vehicle
- All measurements within 3 mins for 2 axles
- Quick results, high productivity
- More number of alignments per day
- Sequential alignment of multi axles

Compared to other International brands

- No expensive service bills due to accidental drop of electronic sensors
- No sensor calibration issues
- No battery discharge issues
- No RF interference
- Compact and light weight

**Exporting to 60+ countries**

## GLOBAL INSTALLATIONS



Auckland, **NEW ZEALAND**



California, **USA**

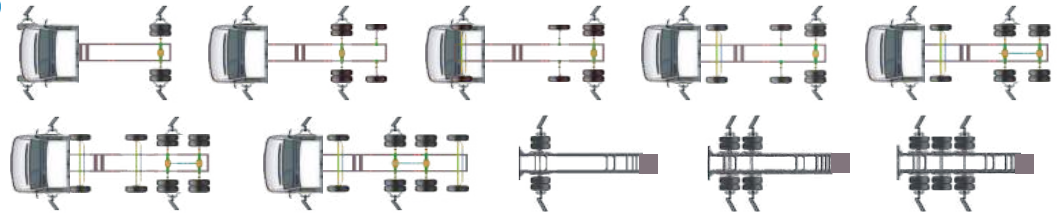


Quebec, **CANADA**



Burgos, **SPAIN**

Any type of  
Axle Assembly for  
**TRUCKS & TRAILERS**



### Technical Specifications

Measurement parameters	Range	Accuracy
Camber (Front / Rear)	± 15° 00'	± 00° 02'
Caster	± 28° 00'	± 00° 05'
Kingpin Inclination	± 25° 00'	± 00° 05'
Toe (Front / Rear)	± 20° 00'	± 00° 02'
Total Toe	± 40° 00'	± 00° 04'
Setback (Front / Rear)	± 25 mm	± 2 mm
Scrub / Thrust angle	± 10° 00'	± 00° 02'
Runout	± 10° 00'	± 00° 02'
Included angle	± 40° 00'	± 00° 05'
Track width	Actual	± 2 mm
Power supply	230V AC, 50Hz / 110V AC, 60Hz	
Power	250W	
Operating temperature	0° - 50°C	

### Car Kit (Optional)

- Rim locking pins - (for Runflat tyre rims & Fancy disc) 16 Nos.
- Car alignment & Vehicle data software 1 No.
- Wheel Stoppers 2 Nos.



### Standard Accessories

- Wheel brackets (12"-24") 4 Nos.
- Target plates 4 Nos.
- Rotary plates (7 ton) 4 Nos.
- Steering lock 1 No.
- Brake pedal lock 1 No.
- PC console with Windows embedded OS, Key board & Mouse 1 No.
- LED monitor (21.5") HDMI / DP interface 1 No.
- Wheel stoppers 2 Nos.
- Truck alignment & Data manager software 1 No.
- Steering lock LCV 1 No.
- Brake pedal lock LCV 1 No.
- Front target plate extension spacer 150 mm long 4 Nos.
- Adaptor for rim locking pins 16 Nos.



### Optional Accessories

- Wheel bracket extension adaptors (30") 16 Nos.
- Frame offset gauge 1 No.
- Tyre dia gauge 1 No.
- 4 shaft calibration kit 1 No.
- LED monitor secondary (21.5") VGA / DP interface 1 No.
- Target stands (2Tx2) 2 Nos.
- Chain block with Ratchet (Rear single axle adjuster) 1 No.
- Rim locking pins for cars (for Standard & Steel rims) 16 Nos.
- Printer 1 No.



JUMBO 3D OPTIMA

Can be **UPGRADED** from Sequential alignment (one by one) to Simultaneous alignment (at a time) of all **5 axles / 6 axles**.



JUMBO 3D SUPER