

SPECIFICATIONS

Laser Alignment Tool for Shaft Alignment;

- System Measuring Distance:** 0.04 to 10 m (0.13 to 32.8 ft).
- Measuring Errors:** <1% ±10 µm.
- Operating Time:** Up to 8 hours, rechargeable Li-ion battery, wireless fast charging, 10 min. charging for 1h usage.
- Alignment Method:** Alignment of horizontal and vertical shafts, 3 position measurement 9 -12 -3, automatic measurement, measurement (with min. 40° rotation), soft foot, machine trains, values, spacer shafts.
- Live Correction Values:** Vertical and horizontal.
- Fixture:** 2 × V-brackets with chains, width 15 mm (0.6 in.)
- Shaft Diameters:** 20 to 150 mm diameter (0.8 to 5.9 in.), 450 mm (17.7 in.) with extension chains.
- Operating Temperature:** 0 to 45 °C (32 to 113 °F).
- Measuring Device:** Measuring units (M & S) with standard V-bracket, Wireless charging pods with USB cable, Tape measure
- Standard Accessories:** Extension Chains, Extension Rods, Mounting Magnets.

Laser Alignment Tool for Belt Alignment;

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| Laser Line Length: | 2 m at 2 m (6.6 ft at 6.6 ft) |
| Measurement Accuracy Angular: | Better than 0.02° at 2 m (6.6 ft) |
| Measurement Accuracy Offset: | Better than 0.5 mm (0.02 in.) |
| Measurement Distance: | 50 mm to 6000 mm (2 in. to 20 ft) |
| Mounting: | Magnetic, side mounted |
| Operation Time: | 8 hours continuous operation |
| Operating Temperature: | 0 to 40 °C (32 to 104 °F) |



TERMS OF REFERENCES (TOR):

1. The bidder should strictly adhere to the specifications of laser alignment tools.
2. Manufacturer must have 5 years of experience in manufacturing of laser alignment tools.
3. Names of recommended manufacturers for laser alignment tools to be confirmed in Technical Bid.
4. Bidder or manufacturer must be provided documentary evidences for the supply of laser alignment tools, besides unpriced copy of contract, purchase order with name and full contact details to be provided in technical bid.
5. Technical brochure of laser alignment tools must be provided in Technical Bid.
6. Operational manual should also be provided with supply of laser alignment tools at Nashpa Plant.
7. The variation in quantity at the time of order placement will not change the unit cost of material.
8. Standard Guarantee / Warrantee for laser alignment tools to be confirmed by the bidder.
9. Delivery period for material is 03 months from issuance of purchase order.
10. Material will be delivered at Nashpa Plant, City Karak. Delivery charges to Nashpa plant to be borne by the bidder.

