STEALTH SERIES™

HAMAR LASER®
ALIGN WITH THE BEST

STEALTH SERIES™

SHAFT ALIGNMENT SYSTEMS

S-680 SERIES WIRELESS 5-AXIS

- Highest Accuracy in Industry
- IP65 Windows® Rugged Tablet
- 10" Touchscreen Display
- Patented Dual-Beam™ Technology
- Duo-Plane™ Live Move Screen
- Embedded Bluetooth Class 1
- IP67 Laser/Target Housings

Bluetooth®

More advanced features

Auto Sweep™ simply the best data-taking method. Period.
Start rotating the shafts and the built-in accelerometer detects the movement, automatically collecting hundreds of data points. Stop rotating the shafts and Couple6 starts calculating the misalignment. More data means more accurate alignment data and less rework.

5 data-taking modes
Included in the Couple6 Basic License is Auto-Clock™ and AutoSweep™ data-taking modes. Optional data-taking features include: Arc Mode™, Point Mode, and Uncoupled Swipe™ Mode for those hard-to measure applications.

Flip-it™ screen graphics. (Why didn't anyone think of that before?)
You shouldn't have to turn your screen upside down just because you are on the wrong side of the machine. This very popular feature allows you to flip the graphics with a double-tap of the screen. No more upside-down screens and mixed-up shims.

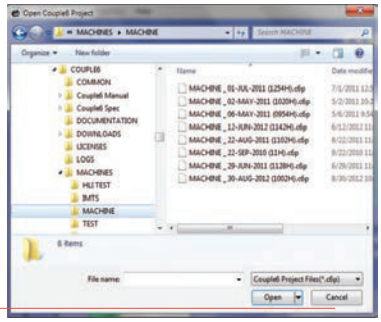
Database management
When you create a new machine in Couple6 software, it automatically creates a folder on your tablet and then saves each new alignment file for that machine in the folder. This allows you to keep a history of alignment for each machine so you can go back and easily collect historical data for trending purposes. Each file is time and date stamped so you can save multiple copies on the same date if needed.

Geometry add-Ons
T-1290 Target can be converted to Scanning mode to be used with our L-730 Leveling Laser, an auto-rotating laser that is the industry's best flatness & straightness laser. Bore alignment accessories are also available along with software for most bore application. The tablet can also be used with any of our renowned geometry lasers.

"We have used the system and it really is good. It got us through the massive soft foot issues reasonably quickly, and the alignment was a breeze. The controls were simple and intuitive, and the touch screen made data entry very quick. I was able to pick it up, and align a motor accurately the first time, with very little training and no previous alignment experience. Thank you for making such an easy-to-use and accurate system."

Jeff F.
Engineer Roanoke Cement Company

Couple6 automatically saves alignment data with each click



Options

Bracket & Chain Sets

A-982 Magnetic Brackets (set of 2)

A-980C Extra Chain Sets 1"-12" Shaft Diameter

A-980NRA Non-Rotating Shaft Brackets

A-980NRB Non-Rotating Large Shaft Bracket

A-980OF Offset Brackets

A-986 Magnetic Coupling-Flange Slider Bracket

T-1285B Outdoor Light Filter

Geo Software and Accessories

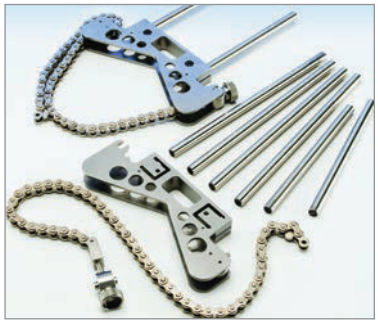
L-750 Auto-Rotating Laser with P-R base

A-987 Flatness Measuring Fixture for T-1285/T-1290 Targets

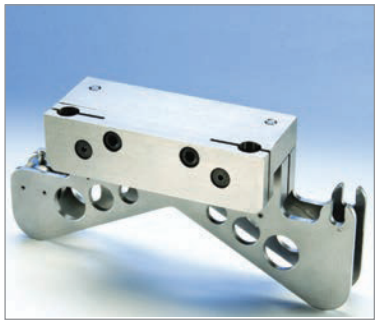
S-1388 Plane5 Software

Specifications

Laser/Target Unit Size	4.2” x 3.3” x 2.2” (107 mm x 84 mm x 55 mm)
Housing Material	Impact resistant plastic
Detector Type & Size	2-axis super-linear PSD 33 mm (v) x 13 mm (h) provides 4 continuously updating alignment axes (2 alignment plane).
Target Measurement Resolution	Offset: 0.5 micron (.00002”) Angular: 0.007 mm/m (.00008 in/ft)
Target Measurement Error	Offset: <0.15% Angular: <0.75%
Angular Sensor Range	+/- 5° (+/- .085”/inch or 8.5 mm/100 mm)
Laser Type	650 nm dual-beam laser with horizontal adjustment <0.9mW
Communication between Target & Data Analyzer	Wireless Bluetooth® Class 1 2.4 ghz plus backup cable
Wireless Range	Up to 100 feet (30 M)
Ruggedized Display Platform	Industrial tablet with 10” touchscreen. MILSPEC 810G/IP65
Rotation Sensor (5th axis)	Accelerometer Resolution: 0.1° Accuracy: +/-1°. Measurement accuracy not affected by rotation sensor accuracy.
Environmental	IP67 (laser & target). IP65 (tablet).
Data Storage Capacity	Virtually Unlimited
Bracket Set	Covers 1” (25.4 mm) to 6” (152.4 mm) diameter shafts. Comes with 4” (101.6 mm), and 8” (203.2 mm) posts
Application Range	33’ (10 m) between laser and target
Operating/Storage Temperature	5°F to 140°F (-15°C to 60°C) for Laser, Target -4°F to 140°F (-20°C to 60°C) for R-1342T3-2A and R-1342T-301T
Battery Life Target	14 hours continuous use with Bluetooth® — 15 hours with backup cable. Target can be plugged into power source during use. Battery status indicator for both T-1290 Target and PC.
Battery Life Laser	150+ hours continuous use. Blinking LED indicates low battery status
Battery Life Tablet	Up to 5 hours for R-1342T3 or 8 hours for R-1342T-301T. Normal Use.
AC Battery Charger (Laser and Target)	110V to 220V with U.S. and European adapters.



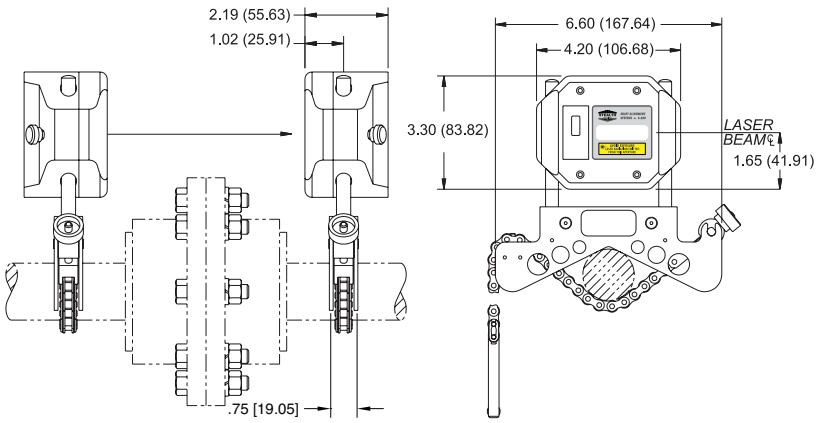
A-980 Bracket set



A-980OF Offset Bracket

A-980NRA Non Rotating Shaft Bracket

A-982 Magnetic Bracket



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MADE IN THE USA

5 NO WORRIES 5-YEAR MANUFACTURER'S WARRANTY

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