EASY-LASER®

Shaft Alignment

XT440

IP66
IP67

CLOUD
CONNECTED

MEASUREMENT INDEPENDENCE

EASY-LASER® GENERATION XT

Easy-Laser® XT440 is built upon our cross-platform technology. You can now display the data on a multitude of different handheld devices, giving you the freedom to work with the gear that suits you the best. Simply download our straightforward XT application for free and you have all the measurement programs you need.

SAME INTERFACE

The XT app interface and basic functionality is identical for all levels of Generation XT systems. Easy to learn and use!

NO LICENSE HASSLE

Your Generation XT measuring units determine what functions are available. No hassle with licenses, just connect the units to the app, on any of your display devices, and start measuring. That is straightforward!
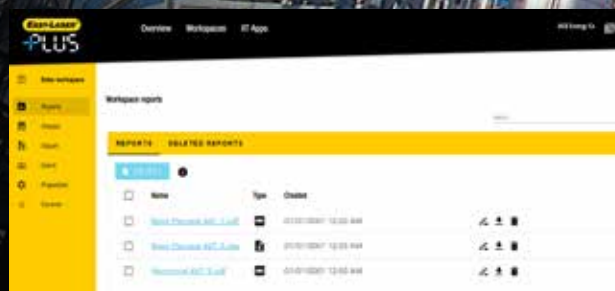
EASY-LASER PLUS™ IS OUR CLOUD SOLUTION WHERE YOU:

- Collaborate with your maintenance team on job assignments.
- Collect all your team's measurement data in one place for quick overview and analysis.
- Copy your measurement data to a new device if your tablet is lost or damaged.
- Restore accidentally deleted files on your tablet.
- Receive information about the latest software updates.

Simply put, Easy-Laser PLUS™ is your hub for the team's measurement jobs and extra security for your data.

*Get it now! Go to **easylaser.plus***

EASY-LASER®
PLUS™

GENERATION XT

MAXIMUM FLEXIBILITY!

DISPLAY DATA ON MULTIPLE PLATFORMS
Functionality for iOS, Android and Easy-Laser® available now.

ALL XT PROGRAMS IN ONE FREE APP
All XT measurement programs included in one straightforward application available for free.

MAXIMUM FLEXIBILITY
Combine several measuring units with the display unit of your choice, or use different display units with one set of measuring units. No license hassle!
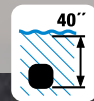
FOR THE TOUGHEST JOBS!

LONG OPERATING TIMES
With the very long operating times of 16 hours for the Display unit and 24 hours for the Measuring units, you will be able to take on and finish the toughest jobs.

RUGGED DESIGN
Easy-Laser® XT is waterproof, dustproof and shockproof. The units have been tested and approved to an Ingress Protection rating of IP66 and IP67, which means that they are dustproof and waterproof to a depth of 40", and also protected against powerful water jets.

120″ | 26 gal/min | 3 min | 40″ | 30 min
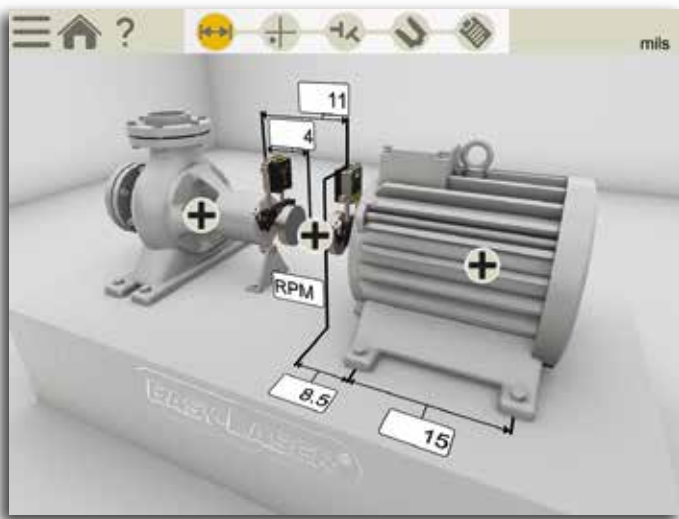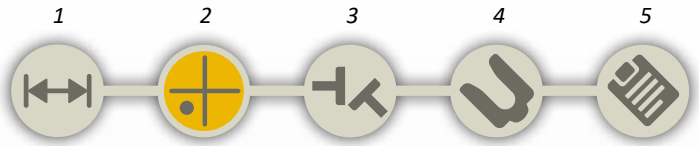
IP66 and IP67 rated units

XT440

THIS IS EASY ALIGNMENT

HORIZONTAL PROGRAM

The user interface is intuitive and guides you through the measurement process. It is animated and zooms in to the relevant element for each step. You can save the measurements of a machine for *As found* and *As left* in the same file.

The interactive workflow indicator lets you easily jump to any part in the measurement process.

1   2   3   4   5

1. Enter dimensions

2. Measure. *Establish measurement repeatability before carrying out machine adjustments.*

3. View result, As found
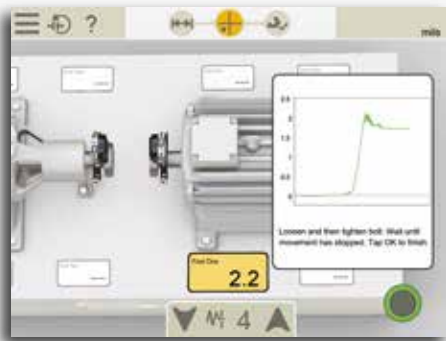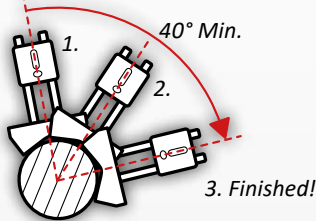**4. Adjust**

5. Documentation

EASYTURN™ FUNCTION

The EasyTurn™ function allows you to begin the measurement process from anywhere on the turn. You can turn the shaft to any three positions with as little as 20° between each position to register the measurement values. Voila! Measurement is complete!

Start measurement at any position!

1.

2.

40° Min.

3. Finished!

Soft Foot Check on both machines.

Tolerance Check. Pre-defined or custom.

MORE FUNCTIONS

THERMAL GROWTH
Automatically compensate for thermal expansion of the machines.

SWAP VIEW
Understand adjustment directions more intuitively.

CONTINUE SESSION
Your latest measurement is always available, automatically saved.
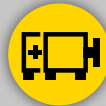
TEMPLATES
Save measurement files as templates, with machine data and settings, to quickly start measurements.

MEASUREMENT VALUE FILTER
Improve readings when measuring conditions are poor.

MULTIPLE SETS OF FEET
Align machines with more than two pairs of feet.

LOCKED FEET
Lock any pair of feet on the machine. Used when aligning base-bound or bolt-bound machines.

WIDE LIVE ADJUSTMENT
Adjust with live values using expanded sensor position ranges in the H and V position

SELECT MACHINE IMAGE
Choose from different 3D machines to portray your machinery on either side of coupling.

SELECT COUPLING TYPE
Choose measurement method depending on coupling type: short flex, spacer shaft.

VERTICAL/FLANGE-MOUNTED MACHINES
Align vertical and flange-mounted machines with this program.

VALUES – DIGITAL DIAL INDICATOR
V 0.00
H 0.00
Measure directly using the raw data values with laser precision and the capability to document the measurement result. You can also use it to check bearing play or shaft load.

BUILT-IN HELP
The app includes a searchable *Users Manual* which opens the relevant chapter depending where in the process you are. This makes it quick and easy to find the answers to your questions.

SYSTEM PARTS

XT12 DISPLAY UNIT
Rugged, robust, industrial grade tablet with wear resistant rubberized protective coating. IP66 and 67, dust- water- and shockproof. As standard a 13 MP camera for documentation is built-in, but you can also choose a model with IR camera added. With this you can shoot a thermal image before and after alignment and include with the documentation!
A large 8", glove-enabled touch-screen makes the information clear and the app easy to use. You can check battery status also when the unit is turned off. Fastening points for shoulder strap (included). Heavy-duty battery for very long operating times; up to 16 hours.

GLOVE-ENABLED TOUCH SCREEN
Navigate the screen with or without work gloves.

XT40-M/S MEASURING UNITS
The XT40 measuring units have a large 1.2" (30mm) PSD and a state-of-the-art OLED display which shows the angle of the unit, making it easier to position it on the shaft. The line laser technology provides a fast setup and easy measurement process.
The diagonally positioned locking knobs securely lock the unit on the rods. Rigid aluminum housing provide maximum stability. IP66 and 67, dust- water- and shockproof. Built-in wireless technology.

SHAFT BRACKET
The V-bracket is light yet rigid, with two rods for maximum stability in all directions. Pre-mounted chain for quick setup on the machine.

LONG OPERATING TIMES
Heavy-duty battery for very long operating times; up to 24 hours.

DOCUMENTATION

FLIR® IR CAMERA (A)
Shoot a thermal image before and after alignment and include with the documentation! (Optional)

13 MP CAMERA (B)
Take pictures to identify your machines and include with your report.

LED LIGHT (C)
Light up the work area when ambient light is not enough.

HDMI VIDEO OUTPUT
Project live screen to an external video display — ideal to train or present to large groups.

SAVE!

INTERNAL MEMORY
Save your measurement files, photos and reports to the internal memory.

VERSATILE FILE TYPES
.pdf .xls
Both a PDF and an Excel file are generated.

READ QR AND BAR CODES
Assign a specific code to a specific machine, then use the built-in camera of your device to open assigned file and settings.
(Note: camera resolution requirements applicable.)

SHOW!

CUSTOM PDF REPORT TEMPLATES
Use one of the two formats included.

ADD NOTES
Add additional details so they appear in the alignment report.

SIGN REPORTS ELECTRONICALLY
Sign-on screen to verify your job. Signature is saved with the PDF file.

ADD PHOTO
Show what you mean.

ADD THERMAL IMAGE
See the difference after alignment.
(Available only with XT12 Part No. 12-1292)

SHARE!

SEND THE REPORTS
Share the reports via WIFI email. Possible on all platforms.

SAVE TO USB
Save your files to USB stick and copy to other devices.

EASY-LASER®

EASY-LASER® GENERATION XT

The age of measurement independence is here!

GET IT ON
Google Play

Android

RUN IT ON
EASY-LASER® **XT** 11 12

XT12

Download on the
App Store

iOS

XT70

XT60

XT40

NO LOCK-INS
With Generation XT you decide if you want the rugged and user-friendly Easy-Laser® XT12 display unit to be included or not. The app also runs on your iOS or Android device*, be it a tablet or a phone, meaning you are never locked in to a specific way of working.

SAME INTERFACE
Purchase multiple systems with various capabilities, train once! The training costs are minimized significantly since the app interface and basic functionality is identical for all systems.

*Conditions apply

LUDECA
Keep it running.

LUDECA Inc.
1425 N.W. 88th Avenue
Doral, FL 33172
Phone: (305) 591-8935
Fax: (305) 591-1537
info@ludeca.com
www.ludeca.com

LASER 2

ISO 9001 CERTIFIED COMPANY

3 YEAR WARRANTY

GLOBAL SUPPORT