

ROTALIGN touch– Intelligent Shaft Alignment

ROTALIGN touch is the first cloud-enabled shaft alignment system featuring touchscreen display, intelligent sensor technology and built-in mobile connectivity.



Application

- Alignment of horizontal, vertical and flange-mounted rotating machines
- Coupled, uncoupled and non-rotatable shafts
- Cardan shafts
- Multiple Coupling, Live Trend
- Live Trend in multiple coupling

Features

- SensAlign 7 sensor with IntelliSWEEP technology
- Intelligent measurement modes such as the uncoupled mode methods IntelliPASS and IntelliPOINT
- Multi-Coupling simultaneous Live Move with acoustic assistance
- Capacitive touchscreen
- Measurement table showing the different alignment jobs
- Customized tolerances (including asymmetric)
- Interactive real 3-D format for machines
- Communication using WiFi, Bluetooth and RFID
- Built-in camera

Order information

ROTALIGN touch is available in these variants:

Item No.	Reference	Variant
Variants with ROW (Rest of World) radio approvals		
5144693	ALI 50.000 FULL	ROTALIGN touch, full version
5144700	ALI 50.000 MOB	ROTALIGN touch, mobile connectivity version
5144687	ALI 50.000 CAM	ROTALIGN touch, built-in camera version
5144717	ALI 50.000 STD	ROTALIGN touch, standard version
Variants with EU and North America radio approvals		
5517960	ALI 50.001 FULL	ROTALIGN touch, full version
5517997	ALI 50.001 MOB	ROTALIGN touch, mobile connectivity version
5517936	ALI 50.001 CAM	ROTALIGN touch, built-in camera version
5518021	ALI 50.001 STD	ROTALIGN touch, standard version

The items delivered within the box are shown in the overview.

Note: For each variant only one touch device is applicable. The device could be either ROW certified or EU & North America certified.

Scope of supply

Content			Variant			
Item No.	Description	Details	Full	Connectivity	Camera	Standard
ALI 50.200-FULL/ ALI 50.201-FULL	touch device FULL	p. 228	✓	✗	✗	✗
ALI 50.200-MOB/ ALI 50.201-MOB	touch device MOB	p. 228	✗	✓	✗	✗
ALI 50.200-CAM/ ALI 50.201-CAM	touch device CAM	p. 228	✗	✗	✓	✗
ALI 50.200-STD/ ALI 50.200-STD	touch device STD	p. 228	✗	✗	✗	✓
ALI 50.651	Power supply / Charger for touch device	p. 236	✓	✓	✓	✓
ALI 4.901	SensAlign 7 sensor	p. 230	✓	✓	✓	✓
ALI 4.910	SensAlign 7 laser	p. 230	✓	✓	✓	✓
ALI 4.960	SensAlign 7 rechargeable battery	---	✓, 2x	✓, 2x	✓, 2x	✓, 2x
ALI 4.651	SensAlign 7 AC power supply charger	p. 236	✓	✓	✓	✓
ALI 4.922-2	SensAlign 7 sensor cable, 2 m (78 3/4")	---	✓	✓	✓	✓
ALI 4.905	SensAlign 7 vibration check probe	p. 237	✓	✓	✓	✓
ALI 50.801	Ruggedized trolley case, ROTALIGN touch		✓	✓	✓	✓
ALI 50.628-25	RFID tags, 25 pieces		✓	✓	✗	✗
ALI 3.589	Tape measure, mm/inch	---	✓	✓	✓	✓
2687537	Cleaning cloth	---	✓	✓	✓	✓
ALI 12.502-2	PC/USB cable, 2 m (78 3/4")	---	✓	✓	✓	✓
5306155	USB flash drive to save reports		✓	✓	✓	✓
ALI 2.118	Compact chain-type bracket	p. 252	✓, 2x	✓, 2x	✓, 2x	✓, 2x
0 0593 0105	Storage pouch for compact chain type bracket set		✓	✓	✓	✓
ALI 2.170	115 mm (4 1/2") support post, white	p. 295	✓, 4x	✓, 4x	✓, 4x	✓, 4x
ALI 2.171	150 mm (5 15/16") support post, black	p. 295	✓, 4x	✓, 4x	✓, 4x	✓, 4x

Item No.	Content		Variant			
	Description	Details	Full	Connectivity	Camera	Standard
ALI 2.173	250 mm (9 7/8") support post, green	p. 295	✓, 4x	✓, 4x	✓, 4x	✓, 4x
ALI 2.174	300 mm (11 13/16") support post, yellow	p. 295	✓, 4x	✓, 4x	✓, 4x	✓, 4x
ALI 2.114	300 mm tension chain	p. 253	✓, 2x	✓, 2x	✓, 2x	✓, 2x
0 0739 1055	Hexagon wrench (2,5 mm)		✓	✓	✓	✓
DOC 50.101	Pocket guide		✓	✓	✓	✓
DOC 50.601	Safety and general information		✓	✓	✓	✓
ALI 17.000-50	ARC 4.0 device activation for touch device	p. 304	✓	✓	✗	✗

Note: The items in the box for the variants are fixed.

Optional items may be ordered for any of the four variants.

Optional accessories

Item No.	Description – optional accessory	Note	Details
PC software			
ALI 17.000-50	ARC 4.0 device activation for touch device	optional for Camera and Standard versions	p. 304
Application related add-ons			
ALI 4.005/2-10	Live Trend Add-on, Magnet	w/ Magnetic Bracket for Horizontal and Vertical Surfaces	p. 221
ALI 4.005/2-20	Live Trend Add-on, PERMAFIX	w/ PERMAFIX bracket	p. 221
ALI 50.900	Multi Coupling Add-on for SensAlign 7	for the alignment of multiple couplings	p. 222
ALI 50.901	Multi Coupling Add-on for SensAlign 5	for the alignment of multiple couplings	p. 224
Brackets			
ALI 2.112 SET-S	Compact magnetic bracket set, standard		p. 258
ALI 2.230-1	Magnetic sliding bracket for flange		p. 269
ALI 2.109 SET	Extra-thin bracket set		p. 260
ALI 2.109 LSET	Small extra-thin bracket set		p. 260
ALI 2.761 SETIS	Universal magnetic bracket set for flanges and bores		p. 265
ALI 2.220 SET	Universal magnetic sliding bracket for flanges and bores, set		p. 271
ALI 2.450	Cardan shaft chain-type bracket with rotating arm, set		p. 255
ALI 2.460	Chain-type bracket for large diameter, set		p. 255
ALI 2.893 SETIS	Cardan shaft bracket set (for offsets up to 1000 mm)		p. 255
ALI 2.874 SETIS	Cardan shaft bracket Lite set (for offsets up to 400 mm)		p. 255

Item No.	Description – optional accessory	Note	Details
Miscellany			
ALI 2.116	1500 mm tension chain		
ALI 2.191	Anti torsion bridge for 2 support posts		p. 289

TECHNICAL DATA

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