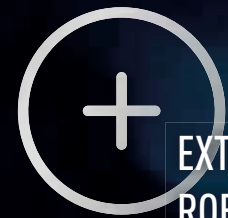


**SIMPLY WELDING.**

# POSITIONERS & PERIPHERALS

Modular design, worldwide tried and tested, low maintenance and ready for harmonious synchronised movement with a Panasonic robot. With the APU Servomotor series, you can also easily implement your own motion module.



**EXTENSION OF THE  
ROBOT CONTROLLER FOR  
EXTERNAL AXIS**



**UP TO 6 AXIS  
SIMULTANEOUSLY  
CONTROLLABLE**



**CONNECTING CABLE LENGTH  
OF 6 - 30 METERS  
ARE POSSIBLE**



**COMPACT DESIGN,  
HIGH ACCURACY AND  
GREAT FLEXIBILITY**



**PRECISE  
COMPONENT POSITIONING!**



**A SLIM DESIGN  
ALLOWS A COMPACT  
WELDING SYSTEM**

**SIMPLY WELDING.**

# POSITIONERS & PERIPHERALS



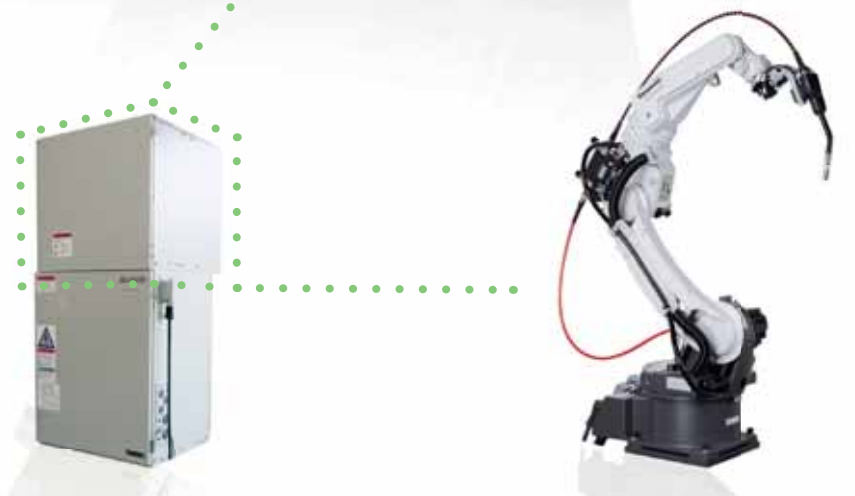
<https://eu.connect.panasonic.com/>

Tel.: +49(0)2131/60899-0

[robots@eu.panasonic.com](mailto:robots@eu.panasonic.com)  
<https://eu.connect.panasonic.com/>

# SIMPLY WELDING. POSITIONERS & PERIPHERALS

Together with a Panasonic robot, our tried and tested positioners and servomotors guarantee accurate positioning and rapid reorientation for efficient production. The associated servo amplifiers are integrated into the external axis basic unit positioned on the robot controller.



## TECHNICAL SPECIFICATIONS.

RJB SERIES ROTARY POSITIONER



MODEL	YA-1RJB12	YA-1RJB22	YA-1RJB32
MAX. PAYLOAD (KG)	250	500	1000
MAX. ROTATION SPEED	190 °/S	120 °/S	120 °/S
MAX. TILTING SPEED	-	-	-
DIMENSIONS (L x W x H)	365 x 295 x 540	365 x 295 x 540	430 x 360 x 655
MASS (KG)	125	125	255
POSITIONING ACCURACY (MM)	+/- 0,05	+/- 0,05	+/- 0,05
WORKING RANGE ROTATION °	-	-	-
WORKING RANGE TILTING °	-	-	-

RJR SERIES ROTARY / TILT POSITIONER



MODEL	YA-1RJR42	YA-1RJR52
MAX. PAYLOAD (KG)	110	400
MAX. ROTATION SPEED	120 / 190 °/S	120 °/S
MAX. TILTING SPEED	-	-
DIMENSIONS (L x W x H)	365 x 865 x 655	435 x 930 x 750
MASS (KG)	290	430
POSITIONING ACCURACY (MM)	+/- 0,1	+/- 0,1
WORKING RANGE ROTATION °	-	-
WORKING RANGE TILTING °	-	-

RJC SERIES ROTARY / TILT POSITIONER



MODEL	YA-1RJC62	YA-1RJC72
MAX. PAYLOAD (KG)	300	500
MAX. ROTATION SPEED	190 °/S	165 °/S
MAX. TILTING SPEED	125,5 °/S	90 °/S
DIMENSIONS (L x W x H)	780 x 500 x 600	780 x 500 x 600
MASS (KG)	285	285
POSITIONING ACCURACY (MM)	+/- 0,05	+/- 0,05
WORKING RANGE ROTATION °	-3600 BIS +3600	-3600 BIS +3600
WORKING RANGE TILTING °	-135 BIS +135	-135 BIS +135

AC-SERVO-MOTORS (SMARTABS)



MODEL	APU 01246	APU 01271	APU 01247	APU 01248	APU 01249	APU 01250	APU 01251
NOMINAL POWER (W)	100	200	750	1600	2000	3500	5500
NOMINAL TORQUE (NM)	0,318	0,64	2,39	5,09	9,54	16,6	26
MAX. NOMINAL TORQUE (NM)	0,95	1,91	7,16	15,27	28,5	50	52,9
NOMINAL RPM	3000	3000	3000	3000	2000	2000	2000
MAX. NOMINAL RPM	6000	6000	5000	5000	3000	3000	3000