



# HANDLING EQUIPMENT



## IMPROVING WELDING PRODUCTIVITY

### 2-AXIS POSITIONERS

#### FEATURES

- 2-Axis Positioners are ideal for rotating and tilting workpieces.
- Speed is stepless adjustable.
- ESAB Positioners exceed the strictest international ISO safety requirements.
- CE Compliant.
- Optimized motor and gear drive sizes.
- 2-Axis operation guarantees ideal ergonomic working positions.
- Designed for easier mechanical and electrical maintenance.

#### APPLICATIONS AND BENEFITS

- The positioning of fabricated metal components and structures ready for welding in the horizontal or down-hand positions, which enables easier, faster and more consistent welding speeds using semi-automatic or robotic welding installations.
- Weld quality and speed is increased and importantly weld defects are reduced and overall production costs are lowered.
- Used extensively in Pressure Vessel and Pipe Fitting workshops, fuel tank, mining machinery, transport, Wheel and Rim Manufacturers & repairers, Hydraulic Cylinder Manufacturers and refurbishment, repair & maintenance, off-road equipment, wind tower, military and ship building industries.

Improve your weld quality by positioning the weld joint in the same place, time after time, with comfortable reach and excellent visibility. ESAB Welding positioners facilitate consistent, repeatable assembly procedures to lower your overall production costs.



**HBW300-2-LLP-S**  
300kg Capacity





## SPECIFICATIONS

DESCRIPTION / MODEL NAME	HBW150-2-LLP-S	HBW300-2-LLP-S	HBW600-2-LLP-S
Loading capacity, kg	150	300	600
Max. rotation torque, Nm	100	450	900
Eccentricity, mm	65	150	150
Driving motor, kW	0.15 DC	0.4 DC	0.37 AC
Turning speed, rpm	0.25-5.5	0.25-4	0.16-1.6 at 5-50Hz
Max. tilt torque, Nm	Manual	Manual	1500
Tilting offset from table, mm	Manual	Manual	250
Tilting speed, rpm	Manual	Manual	0.35
Tilting range, deg	0-90	0-135	0-135
Turn table diameter, mm	380	560	700
Number of slots and width, mm	4x12	4x16	4x16
Max. turning diameter at 90 deg, mm	670	940	1250
Table height from floor, mm	436	606	806
Earthing current, A	500	500	500
Control inputs	Electrical panel + Foot pedal		Electrical panel + Pendant
Pendant cable length, m	/		10
Input power supply	220V +/- 10% 50 Hz +/- 1% 0.3kW	220V +/- 10% 50Hz +/- 1% 0.5kW	380/400/415, 50HZ, 1.0KW 440/460/480, 60HZ, 1.0KW
IP rating	IP23	IP23	IP54
PEK kits	N	N	Y
Sync kits	N	N	N
CE compliance	Y	Y	Y
Control voltage, V	24	24	24
Weight, kg	90	200	550

## ORDERING INFORMATION

DESCRIPTION	PART NUMBER
150kg 2 Axis Positioner HBW150-2-LLP-S*	W0000U0101
300kg 2 Axis Positioner HBW300-2-LLP-S*	W0000U0102
600kg 2 Axis Positioner HBW600-2-LLP-S**	W0000T0613

\*standard equipment includes electrical panel and foot pedal with 3m cable

\*\*standard equipment includes electrical panel, pendant with 10m cable (foot pedal optional)




150kg 2-AXIS POSITIONER  
HBW150-2-LLP-S

**P/N: W0000U0101**



300kg 2-AXIS POSITIONER  
HBW300-2-LLP-S

**P/N: W0000U0102**



600kg 2-AXIS POSITIONER  
HBW600-2-LLP-S

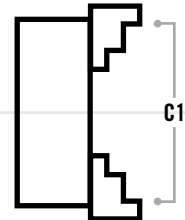
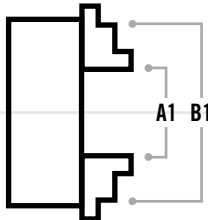
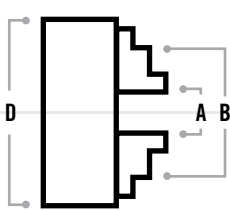
**P/N: W0000T0613**

# 3 JAW CHUCKS



## SPECIFICATIONS

DESCRIPTION	K11-160	K11-320	WP-400
Size, D	160mm	320mm	400mm
Clamping Range, A-A1	3-55mm	10-145mm	120-250mm
Clamping Range, B-B1	50-160mm	95-320mm	-
Clamping Range, C-C1	55-145mm	110-320mm	250-380mm
Chuck Body Thickness	65mm	90mm	45mm
Mounting Thread	3-M8	3-M16	3-M10

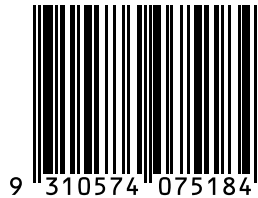


## ORDERING INFORMATION

DESCRIPTION	Part Number
3-Jaw Self Centering Chuck K11-160	WE02573034
3-Jaw Self Centering Chuck K11-320	WE02573036
3 Jaw Chuck WP-400	WE02573031



3-JAW SELF CENTERING  
CHUCK K11-160  
**P/N: WE02573034**



3-JAW SELF CENTERING  
CHUCK K11-320  
**P/N: WE02573036**



3-JAW CHUCK  
WP-400  
**P/N: WE02573031**

# ROLLER BEDS



## FEATURES

- Widely used for automatic welding of pipes, vessels and support towers.
- Each set is comprised of one power roller and one idler roller bed.
- The machine is designed with a speed controller, so speed variation can be altered continuously.
- Work piece rotates smoothly, ideal for manual welding, automatic pipe welding and automatic SAW welding etc.
- Forward-Stop-Reverse, Speed Control are standard.
- Foot Pedal is supplied.

## SPECIFICATIONS

DESCRIPTION	LLR-1000P-S / LLR-1000I-S
Max drive capacity	1000kg
Work piece diameter	Ø115 - Ø400mm
Rotation degree	±360°xN
Wheel diameter	Ø250mm
Wheel linear speed*	200-2000mm/min
Driving Motor	150W, DC90V, 1800rpm
Power	220VAC±10%, 50Hz±1%, 0.3KW
Size (Lx W x H)	Power 610 x 280 x 310mm Idler 610 x 170 x 310mm
Weight	50 kg+ 32kg

\*Max rotational torque in rotational speed range 100% - 10% of max speed

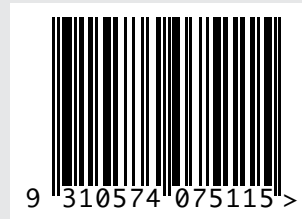
## OPTIONAL ACCESSORIES

DESCRIPTION	Part Number
Foot Pedal with 3m cable	WE02520077
Foot Pedal with 5m cable	WE02520078
Foot Pedal with 6m cable	WE02520058
PEK Cable 15m	WE02520040
PEK Cable 20m	WE02520049
Tweco Tri-Just Fixture	WE35001100

## ORDERING INFORMATION

DESCRIPTION	Part Number
1000KG Power Roller Bed LLR-1000P-S*	WE61000003
1000KG Idler Roller Bed LLR-1000I-S	WE61000004

\*standard equipment includes electrical panel and foot pedal with 5m cable



1000kg POWER ROLLER BED  
LLR-1000P-S

**P/N: WE61000003**



1000kg IDLER ROLLER BED  
LLR-1000I-S

**P/N: WE61000004**