



IRPLP Linear

FlexPLP : Flexible programmable positioner

MAIN APPLICATIONS

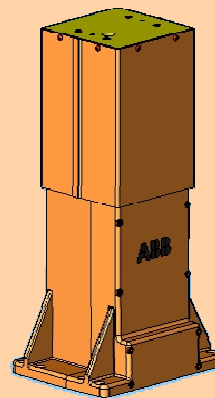
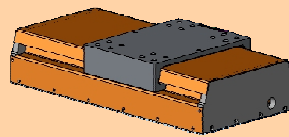
Automotive tooling

Material handling & positioning

Complete 3 axis PLP



1 axis PLP horizontal



1 axis PLP vertical

Benefits

- Compact 3 axis programmable unit
- Modulary 1 to 3 axis
- Protected by design against sparks
- Integrated cabling & piping for actuator
- High repeatability & stiffness
- Either driven by ABB IRC5 robot controller or PLC
- Robot like programming using user-friendly interface
- IP54
- Patented technology (patent pending)

Applications

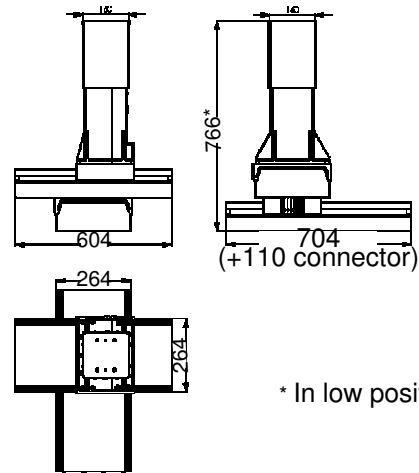
- Flexible tooling
- Material handling & positioning

IRPLP Linear

FlexPLP : Flexible programmable positioner

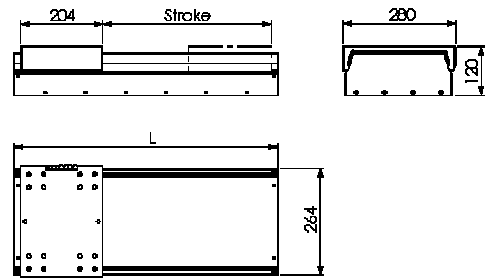
3 axes FlexPLP linear

Data	IRPLP Linear
Repeatability	+/- 0,1 mm
Speed	100 mm/s
Strokes	X = 400 Y = 300 Z = 200
Mass	130 kg
Dynamic load	30 kg
Static Load	150 kg



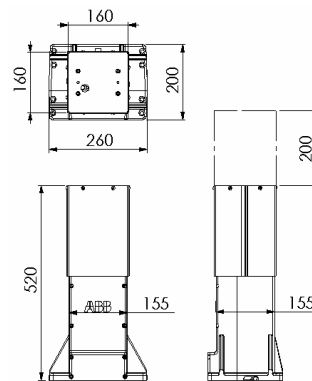
1 axis FlexPLP linear horizontal

Data	IRPLP Linear H300	IRPLP Linear H400
Repeatability	$\pm 0,1$ mm	$\pm 0,1$ mm
Speed	100 mm/s	100 mm/s
Stroke	300 mm	400 mm
Length L	554 mm	654 mm
Mass	44 kg	46 kg
Dynamic load	50 kg	50 kg
Static Load	150 kg	150 kg



1 axis FlexPLP linear vertical

Data	IRPLP Linear V200
Repeatability	$\pm 0,1$ mm
Speed	100 mm/s
Stroke	200 mm
Mass	40 kg
Dynamic load	50 kg
Static Load	150 kg



Base package

- IRPLP
- Documentation

Options

- SMB box
- Robot Cables 5 - 7 - 11 m
- Modular 1 to 3 axis

www.abb.com/automotive