Power Assistance Device Shares Payload for a Safer Workplace

KEY POINT

CURRENTLY

Back pain

accounts for

over half of

work-related

injuries.

NEW SOLUTION

SAFE OPERATION

The center of gravity is close to the operator and there are handles mounted to the joints for increased control. This allows for simple and safe operation without coming in contact with moving parts.

64% of workers in the Manufacturing Industry are over the age of 40.



COMPACT DESIGN



Compact design that can be folded and stored even with multi-axis specifications.

ENERGY EFFICIENT



The system works using +0.05 MPa to 0.7MPa air pressure.





PAU Series PowerArm

Movable Range Specifications

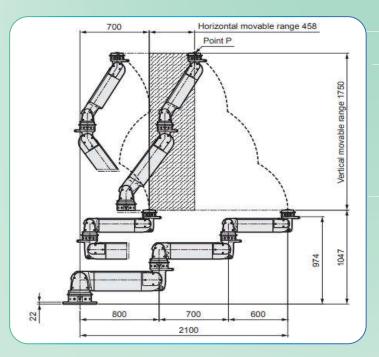
WIDER RANGE OF MOVEMENT AND MOTION

Extension arms (extension axes) can be used for multi-axis specification types to enable an even wider range of motion. Freely combine single-axis and multi-axis specifications to suityour applications and worksites.

Arm	Movable range (mm)	
Am	Vertical (mm)	Horizontal (mm
Combination of ø80 + SCARA arm	520	1200
Combination of ø100 + SCARA arm	580	1400
Combination of ø125 + SCARA arm	650	1600
Combination of ø80 + ø100	1100	1300
Combination of ø100 + ø125	1230	1500
Combination of ø80 + ø100 + SCARA arm	1100	2000
Combination of ø100 + ø125 + SCARA arm	1230	2300
Combination of ø80 + ø100 + ø125	1750	2100

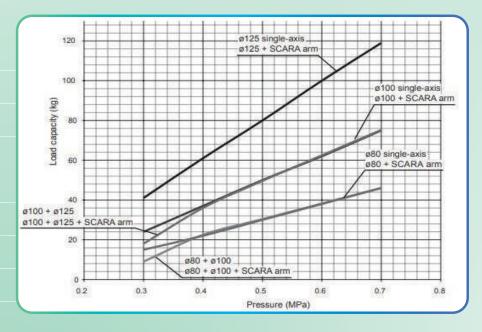
vertical movable range. See the external dimensions for more information on the movable range.

Novable range With single-axis		
Bore size (mm)	Movable range (mm) Vertical (mm)	
ø80	520	
ø100	580	
ø125	650	



Reach and Load Capacity Specifications

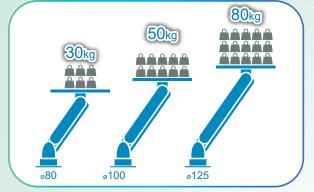
ARM VARIATIONS TAILORED TO THE SPECIFIC WORKPIECE The arm can be selected from 3 types according to the work piece load.



For More Information, Please Contact: Jake Assadourian, Outside Sales Representative Phone: 519-240-2190 E-Mail: Jake_Assadourian@ttci.ca

WIDE RANGE CAPACITY

Three types of arms can be selected with respect to the work load.



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