



- * FOUR AXIS CONTROL – High level of flexibility**
- * RESPONSIVE FEEDBACK – Instills operator confidence**
- * SAFE AND EFFICIENT - Reduces operator fatigue**

MPS – MANUAL POWER SAW SERIES

Specifications:

	MPS30		MPS40	
	US	Metric	US	Metric
A Drive Motor	30 HP	22 kW	40 HP	30 kW
B Blade Diameter	16 in	406 mm	20 in	500 mm
C Up/Down Movement	14 in	350 mm	14 in	350 mm
D Left/Right Movement	24 in	600 mm	24 in	600 mm
E Fore/Aft Movement	35 in	900 mm	35 in	900 mm
F Blade tilt	+/- 30°	+/- 30°	+/- 30°	+/- 30°
G Base Width	37 in	950 mm	37 in	950 mm
H Base Depth	46 in	1180 mm	46 in	1180 mm
I Base Height	79 in	2010 mm	79 in	2010 mm
J Electrical Requirement	480V,3ph	380-415V,3ph	480V,3ph	380-415V,3ph
K Machine Weight (Approx.)	2204 lbs	1000 kg	2425 lbs	1100 kg

Design Features:

• Safety

The machine utilizes a two button safety start, requiring the operator's hands to remain on the controls during cutting. Removing one or both hands instantaneously stops the cutting wheel.

• Bi-directional arm

A choice of machine setup is offered at the time of order. Choose either a right or left hand manipulator arm, depending on your particular production and factory layout requirements.

• Adjustable Height

Hydraulic height adjustment by means of a switch on the operators' controls allows for easy height adjustment to accommodate for wheel wear and different workpiece sizes. This adjustment locks in place during cutting.

• Blade tilt adjustment

A disc brake secures the tilt angle of the wheel and is easily adjusted via a switch on the operators' control. Once released, the wheel can be tilted 30° either side of vertical, allowing access to hard to reach ingates. This axis locks while cutting.

• Flexibility

A large cutting area envelope and moving the wheel to the workpiece allows for simple workpiece clamping. Responsive 4-axis control means that the operator can adapt to variations in both casting and positioning irregularities.

• Auto Shutoff

The main drive motor will turn itself off if the cutting wheel is idle for 3 minutes. This combined with a 'no-load' start-up equates to significant energy savings.

• Compact Design with Inbuilt Fork Tubes

Allows for easy maneuverability and machine setup.

• Error Codes

Automatic shut down for high oil temperature, low oil level and motor overload. Error codes displayed on the main operator interface.

• Work Light

Adjustable worklight illuminates the cutting area.

A. W. Bell Machinery P/L reserves the right to change specifications without notice

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