

PORTABLE-M-POWERPAC

Pressure Test Unit



The Haskel Portable-M-Powerpac has been designed as a fully portable air operated hydraulic test unit which is simple to operate and maintain. The System requires a supply of shop air to power the pump, and also hydraulic connections from the powerpac to the work piece.

A wide variety of M-series pumps can be used, twenty-eight different models and eight different ratios are available. Performance characteristics for all Haskel M-series pumps can be found in the Haskel Liquid pump selection catalogue. A simple adjustment of the air drive regulator setting determines the final output pressure and the pump will automatically stall when the desired hydraulic pressure is attained



APPLICATIONS

The M-Powerpac is suitable for insurance surveys, pressure testing, power clamping, crimping, jacking, pre-stressing, power forming and pressing. Complete portability makes this unit ideal for work in situ.



SERVICE

Suitable for oil, water and many other liquids

Use pump type:

- M for Oil.
- MS for Water.
- 29723 for Demineralised water.

(see Haskel Liquid Pump Brochure for further details on fluid compatibility)

A removable hand pump attachment can be used with this system. This is a useful extra where compressed air is not available or is in limited supply. It also allows finer control for calibration work.



PART NUMBER	HASKEL PUMP MODEL NUMBER	OUTLET PRESSURE BAR*	MAX FLOW RATE Litres/min
J24110-M-7 or J24110-MS-7	M-7 or MS-7	50	7
J24110-M-12 or J24110-MS-12	M-12 or MS-12	85	4
J24110-M-21 or J24110-MS-21	M-21 or MS-21	150	3
J24110-M-36 or J24110-MS-36	M-36 or MS-36	250	1.6
J24110-M-71 or J24110-MS-71	M-71 or MS-71	500	0.8
J24110-M-110 or J24110-MS-110	M-110 or MS-110**	800 **	0.5
J24110-M-188 or J24110-MS-188	M-188 or MS-188**	1000 **	0.3
J24110-29723-21	29723-21	150	3
J24110-29723-36	29723-36	250	1.6
J24110-29723-71	29723-71	500	0.8
J24110-29723-110	29723-110	690	0.5

Note

- *Outlet pressure based on 7 bar g air drive pressure
- **MS-110 & MS-188 rated to 690 bar g maximum
- Hand pump attachment is available on all Models— Simply add HP onto the part number e.g. J24110-MHP-7 or J24110-MS-HP21 or J24110-29723-HP-110

Description

- 6 Litre stainless steel reservoir with sight glass & suction strainer to pump built into carry case housing:
- Haskel M series Pump
- Combined air filter/regulator with air gauge and on/off valve.
- Dual calibrated outlet pressure gauge showing hydraulic pressure generated.
- Return to tank pressure release valve.
- Intrinsically safe requiring only shop air supply

Specification

Height	356 mm	Air Drive Pressure range 1.7-8.6 bar
Length	381 mm	Pressure range up to 1,034 bar
Width	165 mm	Flow rate up to 7 l/min
Weight (dry)	19 kg	Air Drive Connection 1/4 BSP female
Weight (full)	25 kg	Hydraulic Outlet Connection 1/4 BSP (M)
Reservoir Capacity	6 Litres	

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