



### SPECIFICATIONS

<b>Output Capacity</b>	See Ordering Information
<b>Working Pressure</b>	155 Bar (2250 Psi)
<b>Circuit Type</b>	Open Centre
<b>Connection</b>	3/4 Body Flat Face Couplers
<b>Hydraulic Capacity</b>	72 Litres System
<b>Fuel Tank Capacity</b>	50 Litres
<b>Engine Oil Capacity</b>	3.2 Litres
<b>Engine Type</b>	Kohler KDW1404E536 Stage V
<b>Starting System</b>	Electric start, Glow Plug assisted
<b>Fuel Type</b>	Diesel
<b>Weight</b>	740 Kg (Operational)
<b>Dimensions</b>	L 1300 x W 1100 x H 1485mm

### Features and Benefits

The Hopkins DPU50 diesel driven hydraulic power pack is a versatile compact unit which meets the requirements of the most demanding applications and is stage V emissions compliant.

The unit has the capability of powering hydraulic tools with a flow requirement of between 0 and 50lpm. Variable hydraulic flow is achieved by the use of a pressure compensated flow control valve. This gives the added benefit of running the engine at a constant speed regardless of the hydraulic flow requirement ensuring that full engine power is available at all times. Flow selection is simply achieved by the rotation of a flow controller knob whilst observing the integral flow meter.

These power packs are powered by the latest Kohler 4-Cylinder, water-cooled diesel engine which meets the latest stage V emissions regulations. It has a protection system which monitors oil pressure, coolant temperature and the battery charging system. In the unlikely event of a failure, the unit will automatically shut down if not manually shutdown.

The hydraulic circuit temperature is controlled by an air blast/oil cooler system with an electrically operated thermostatically controlled fan to maintain a constant level of cooling. The hydraulic oil is also circulated through a high-pressure line filter unit thus ensuring an efficient and reliable hydraulic system without increased back pressure.

The unit is built on a very strong box section chassis with panels. The chassis is mounted on four solid rubber lined castors, two fixed and two swivel one with brakes. Facility is also provided for manoeuvring the unit with a fork lift truck via two fork channels at the base of the chassis. The unit also has 4 DNV style lifting pads.

The compact, low-noise and lightweight features of these units make them the ideal choice for supporting all your marine and offshore requirements.

This power pack has been designed to accommodate hydraulic hose runs of up to 200m long. Hoses can be supplied if required.

## ORDERING INFORMATION

MODEL/PART No.	DESCRIPTION
DPU50-1VE	Variable Flow Hydraulic Power Unit Single Circuit 0 to 50 lpm Hydraulic Flow Meter Kohler Diesel, Battery start

## WARRANTY

E.C. Hopkins Limited and their associated parts are warranted against defects in materials and workmanship for a period of twelve months from the date of purchase. E.C. Hopkins Limited reserves the right to repair or replace only those parts which prove to have been defective at the time of purchase. This warranty becomes void if maximum flow and pressure ratings are exceeded.

## ACCESSORIES

PART No.	DESCRIPTION
HS020M1012B2-FF	Hydraulic Hose Assy Set 20m Long 5/8P R2 : 3/4R R1 : 3/4" & 1/2" FF Hyd Couplers
HS030M1012B2-FF	Hydraulic Hose Assy Set 30m Long 5/8P R2 : 3/4R R1 : 3/4" & 1/2" FF Hyd Couplers
HS040M1012B2-FF	Hydraulic Hose Assy Set 40m Long 5/8P R2 : 3/4R R1 : 3/4" & 1/2" FF Hyd Couplers
HS050M1012B2-FF	Hydraulic Hose Assy Set 50m Long 5/8P R2 : 3/4R R1 : 3/4" & 1/2" FF Hyd Couplers
HS075M1216B2-FF	Hydraulic Hose Assy Set 75m Long 3/4P R2 : 1R R1 : 3/4" & 1/2" FF Hyd Couplers
HS100M1216B2-FF	Hydraulic Hose Assy Set 100m Long 3/4P R2 : 1R R1 : 3/4" & 1/2" FF Hyd Couplers
HS120M1216B2-FF	Hydraulic Hose Assy Set 120m Long 3/4P R2 : 1R R1 : 3/4" & 1/2" FF Hyd Couplers

\* All hydraulic hose sets are commissioned with ISO32 Hydraulic Oil

## SERVICE ITEMS / TOOLS

PART No.	DESCRIPTION

## TEST EQUIPMENT

04182	Flow & Pressure Tester

All E.C. Hopkins tools, parts, accessories and allied equipment are subject to design improvements, specification and price changes at any time without notice and with no obligation to units already sold. Weights, dimensions and operating specifications listed herein are subject to change without notice. Where specifications are critical to your applications, please consult E.C. Hopkins Limited.