

DIESEL POWER PACK

max 60 l/min max 200 BAR



Professional power pack with 25 HP Diesel engine water cooled, every parts of the LOTUS is generously dimensioned to assure power, economy of use, quietness and maximum reliability even in the more demanding application.

The machine in the **A** version is equipped with double gear pump and double separated hydraulic circuit to power two tools simultaneously.

The two flows can be added up to have one single circuit with flow up to 60 L/min at 140 BAR or 40 L/min at 200 bar or intermediate values.

LOTUS has modular construction and is available in three versions, the machine can be supplied also with pumps with different displacement or with single pump or without oil cooler, or according to special applications.

The exclusive features and the possibility to adapt and regulate the hydraulic out put according to the need make the LOTUS one of the best product available today on the market

STANDARD MODELS AND FEATURES - Contact DOA for information on special version

- LOTUS A** - Double pump and double hydraulic circuit for two tools, oil radiator with fan and associated parts
- LOTUS NR** - Like version A but without oil radiator and associated parts
- LOTUS BASIC** - Basic version with one pump, one circuit, no radiator

ADVANTAGES

- ROBUST FRAME IN MADE IN THICK STEEL PLATES, THAT PROTECT AGAINST IMPACTS AND WEATHER, THE CHASSIS CAN BE COMPLETELY DISASSEMBLED TO EASE THE SERVICE , THE BASE HAS ANTI SLIDING PADS
- FRAME IS EQUIPPED WITH LIFTING EYES , THE BASE CAN BE HANDLED BY FORK LIFT FOR EASY MOVEMENTS
- THE HOUR METER ALLOWS TO KEEP RECORD OF MAINTENANCE INTERVALS AND TIME OF USE
- DOUBLE RELIEF VALVE TO CONTROL THE PRESSURE WITH LARGE PRESSURE GAUGE
- HIGH EFFICIENCY OIL COOLER FOR USE IN PROLONGED OPERATION IN TROPICAL CLIMATES , THE OIL COOLER CAN BE BY PASSED AND EXCLUDED IF AMBIENT TEMPERATURE IS LOW

ENGINE CHARACTERISTICS

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|---------------------------|----------------------------------|
| DIESEL ENGINE TYPE | 3 cylinders /water cooled |
| POWER AND BRAND | 25 HP BRIGGS / DAHIATSU |
| FUEL TANK CAPACITY | 20 LITRES |

HYDRAULIC CHARACTERISTICS

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|--------------------------|----------------------------|
| FLOW MAX | 60 l/min (2 x 30) |
| PRESSURE MAX | 200 BAR |
| OIL TANK CAPACITY | 60 l |

WEIGHT AND DIMENSION

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|----------------------------|---------------------------|
| WEIGHT WITH LIQUIDS | 290 Kg |
| DIMENSION L X W X H | 110 X 65 X H 90 cm |

ACCESSORIES ON REQUEST

FLOW AND PRESSURE METER - Accessory ideal for making hydraulic controls and precise hydraulic regulations, can measure flows up to 60 L/min and pressure up to 210 BAR

HYDRAULIC OIL HOSES - Flexible twin hoses with length up to 100 meters, contact DOA for information on hoses type, size and prices

HOSE REEL - Allow to roll up in order long hoses with lengths up to 100 metres, avoid kinks and ease the transportation and storage

PLASTIC CANOPY - Protects the machine from bad weather and sun , ideal when machine is stored