

Because of our specialization in the design and manufacturing of highly advanced hydraulic systems and associated control systems we are the right partner for your turn-key project, innovative product or system.

As the worldwide leading integrator for combining hydraulics, electrics and integrated software we can push technology to its limits for your need for diesel driven power packs including its control systems.

If you are facing a hydraulic challenge then Hydac is the partner you are looking for.

Hydac is specialized in the innovation, engineering, development and production of diesel driven power packs. Our dedicated and experienced team guarantees the best possible solution for your challenge, from standard to custom made power packs for your mobile fleet, on board of a dredger as temporary hydraulic power source or for winches and hose-reels.

The utmost care is taken to ensure that quality standards are maintained throughout the manufacturing process. All processes are managed by our own R&D department, which ensures the best quality and a final product which meets your requirements.

We are the partner that anticipates your needs, takes its responsibilities seriously and delivers quality. Along with dedicated service we are flexible, focused on results and can guarantee smooth operation around the globe



Worldwide, global network
to support you
whenever, wherever



Diesel Driven Hydraulic Power Packs - Multi Purpose Use

Diesel driven hydraulic power packs for multipurpose use are intended to power rotative as well linear equipment. Power packs can be used as a power source to operate winches, cylinders or rotative actuators for example. The most crucial reason to choose for the multipurpose units, is the capability to also be used in various energy consuming circuits with load control valves or counterbalance valves.

The controls are standardly executed with electro proportional pressure and flow control over an HMI Display. Our standard horsepower control function prevents excessive power demands from your power pack.

All units comply with the latest emission regulations such as Tier 4 Final / Stage IV. Also in line with the latest regulations, our sophisticated ECO-Modus Start/ Stop system can minimize fuel consumption during operations with stand-by hours.

The power packs can be installed, commissioned and serviced on site all around the globe by our dedicated team.

STANDARD

All multipurpose diesel driven power units on the list in this brochure including CE marking.

CUSTOMIZED

Units can be customized from the standard list with minor adjustments regarding third party certification (Lloyds, DNV/GL, Bureau Veritas, etc), control system, tropic or arctic execution or pressure and/or flow demands.

BUILD TO ORDER

Is the required unit not listed in this brochure? Do not worry. Hydac can build to order regarding the latest demands and technology standards.

OPTIONS

- Tropic or Arctic execution of HPU
- Customized System Engineering
- ECO-Modus Start-Stop system to save fuel usage
- GPS Module
- 3G Modem for remote service
- Touchscreen
- Remote control multiple units over CAN-bus



Standard, Customized
Build-to-order

Hydraulic Power Units
Multi Purpose



Diesel Driven Hydraulic Power Packs – Rotative Equipment

Apart from the Multipurpose units, Hydac specially developed diesel driven hydraulic power packs for rotative equipment. The main advantages of the compact variant of these units are the compact reservoir content and decreased hydraulic oil/air cooler. The most crucial reason to choose for the rotative equipment units is the high efficiency ratio of the drive system. Therefore load control valves and counterbalance valves are not allowed in these systems, because they can generate a large amount of heat.

Typical applications to power with the rotative equipment units are submersible dredge-pumps, booster stations and cutter drives. The rotative equipment power packs are optimized for rotary units which require a 250Bar pressure drop with a large amount of flow.

The control are standardly executed with electro proportional pressure and flow control over HMI Display. Our standard horsepower control function prevents excessive power demands from your powerpack.

All units comply with the latest emission regulations such as Tier 4 Final/ Stage IV. Also in line with the latest regulations, our sophisticated ECO-Modus Start/Stop system can minimize fuel consumption during operations with stand-by hours.

Contact your nearest Hydac sales representative to help you by selecting and offering the best suitable solutions to suffice your needs.

STANDARD

All rotative diesel driven power units on the list in this brochure including CE marking.

CUSTOMIZED

Units can be customized from the standard list with minor adjustments regarding third party certification (Lloyds, DNV/GL, Bureau Veritas, etc), control system, tropic or arctic execution or pressure and/or flow demands.

BUILD TO ORDER

Is the required unit not listed in this brochure? Do not worry. Hydac can build to order taking the latest demands and technology standards in regard.

OPTIONS

- Tropic or Arctic execution of HPU
- Customized System Engineering
- ECO-Modus Start-Stop system to save fuel usage
- Increased boost-flow
- GPS Module
- 3G modem for remote service
- Touchscreen
- Remote control multiple units over CAN-bus



The power behind
your Technology

Hydraulic Power Units
Rotative Equipment

Hydraulic Power Units - Multi Purpose

Max. Power*	Max. Revolutions	Length®	Width®	Height®	Weight®	Max. Pressure	Max. Oil Flow
[KW]	[RPM]	[mm]	[mm]	[mm]	[Kg]	[Bar]	[Lpm]
90	2200	3250	1450	1700	3500	350	150
125	2200	3250	1450	1700	3800	350	210
150	2200	3200	1540	1850	4500	350	260
205	2200	3200	1540	1850	5300	350	350
240	2000	4000	1650	2100	5800	350	420
300	2000	4000	1650	2100	6500	350	520
360	2100	4300	1750	2200	6800	350	620
400	2100	4500	1750	2250	7300	350	700
430	2100	4800	1800	2250	7800	350	750
470	2000	5000	1850	2300	8500	350	820
560	1800	5000	1850	2300	10500	350	900

Hydraulic Power Units - Rotative Equipment

Max. Power*	Max. Revolutions	Length®	Width®	Height®	Weight®	Max. Pressure	Max. Oil Flow
[KW]	[RPM]	[mm]	[mm]	[mm]	[Kg]	[Bar]	[Lpm]
90	2200	3250	1450	1700	3500	280	160
125	2200	3250	1450	1700	3800	280	230
150	2200	3200	1540	1850	4500	280	270
205	2200	3200	1540	1850	5300	280	370
240	2000	4000	1650	2100	5800	280	450
300	2000	4000	1650	2100	6500	280	530
360	2100	4300	1750	2200	6800	280	650
400	2100	4500	1750	2250	7300	280	720
430	2100	4800	1800	2250	7800	280	800
470	2000	5000	1850	2300	8500	280	870
560	1800	5000	1850	2300	10500	280	960

DIESEL ENGINES

We are using diesel engines tot the latest specifications of all major suppliers such as for example CAT/ FPT/ Cummins/ Deere/ Valmet/ Perkins/ Etc.

SPARE PARTS

To optimize the uptime of your system we have a large range of spare parts which can be delivered to you all around the world. Our team of professionals can help you by selecting and offering the best solution.

Because of our locations worldwide, there is always a partner nearby.

* Max. theoretical available power for engine.
Product of pressure vs. flow will be limited automatically by electronic horse power compensator

® Units are estimates and may be changed without notice

Rental Equipment

Rent the equipment when you need it, instead of making major investments and unnecessarily tying up capital.

When equipment is only required for short periods of time, there is understandable opposition to making any costly investment. Renting the equipment is an economical and flexible alternative, which will reduce your project's time and its costs.

Whenever you need a Hydraulic Power Units – it's there, ready for you! For complete service jobs we can offer mobile power packs or flushing units and other necessary analysing and measuring equipment for rent.

Furthermore we can also offer you booster units, measuring equipment or mobile filtration systems for a small fee.

We will ensure that the rental equipment will be available on schedule, so as to make certain that your project runs smoothly.



The right equipment
whenever, wherever

Rental Equipment



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