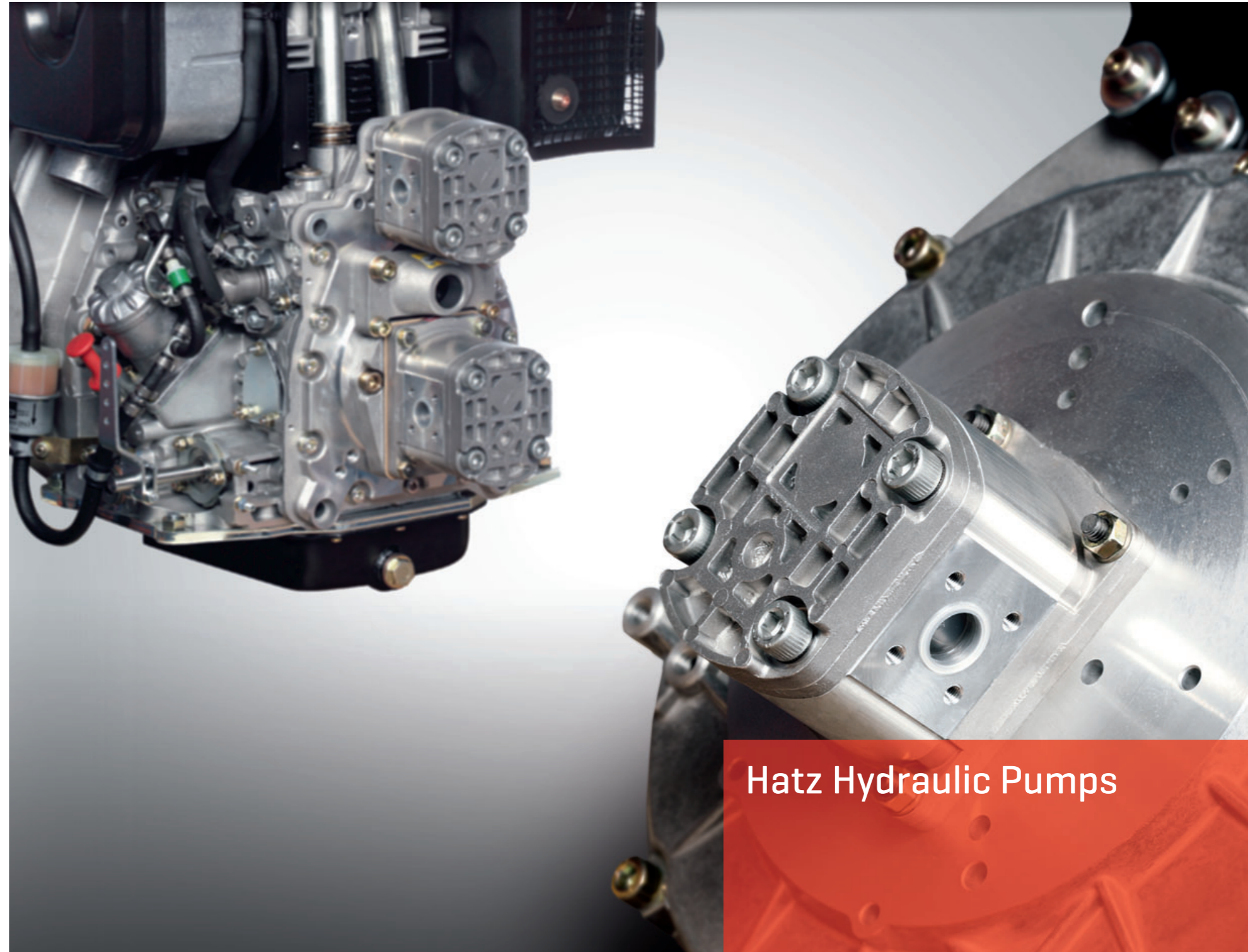


Motorenfabrik Hatz GmbH & Co. KG  
Ernst-Hatz-Str. 16  
94099 Ruhstorf a.d. Rott  
Germany  
Phone +49 8531 319-0  
Fax +49 8531 319-418  
marketing@hatz-diesel.de  
www.hatz-diesel.com

CREATING POWER SOLUTIONS.



# Hatz Hydraulic Pumps

Hatz Systems – Made in Germany

702 526 79 EN-01.14-1 Printed in Germany  
We reserve the right to make all changes that  
serve technical development.



CREATING POWER SOLUTIONS.



www.HATZ-DIESEL.com

# Hydraulic pressure for all appliances

Hatz hydraulic pumps are powered with air-cooled diesel engines which work reliably and trouble-free even under adverse conditions.

Together with the acclaimed Hatz diesel engines, with a maximum output of up to a 56 kW, the hydraulic pumps are an ideal solution for applications where a high number of operating hours is expected and therefore an increased durability is needed. By using the latest technology it is possible to achieve high operating pressures, low noise levels and good efficiency. Because of a constant improvement of manufacturing processes in line with a continuous quality control the hydraulic pumps, like every single Hatz product, offer high quality standards. Hatz gear pumps are available with various displacement volumes from 2.05 cm<sup>3</sup>/rev to 22.97 cm<sup>3</sup>/rev and operate up to a maximum speed of 8,000 rpm. The peak hydraulic working pressure ranges between 150 and 255 bar. The construction of the pumps is flexible; all pumps can be

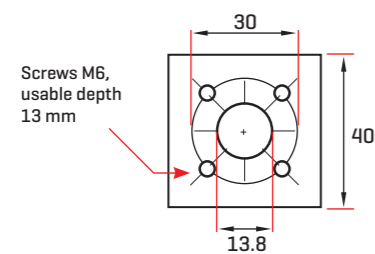
combined to a double or even triple pump depending on customer demand. Whether it be for construction equipment, agricultural machines or wood chippers – Hatz diesel engines together with Hatz hydraulic pumps are the perfect solution for the job, whatever it is.

### Advantages of Hatz gear pumps

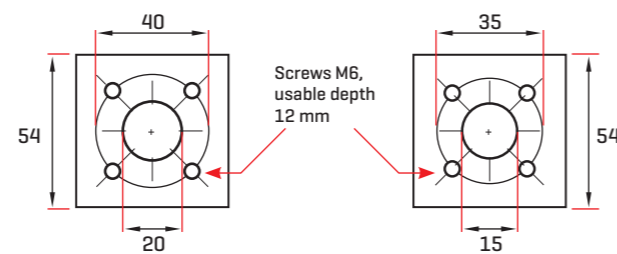
- Dependability due to robust Hatz quality
- Use of high grade materials
- Compact and light-weight construction
- High efficiency
- Optimized for operation with Hatz Diesel engines
- Pumps, mounting parts and engine available from one source

### Flange connection

#### Pumps 2.05/3.07 cm<sup>3</sup> Suction side / Pressure side

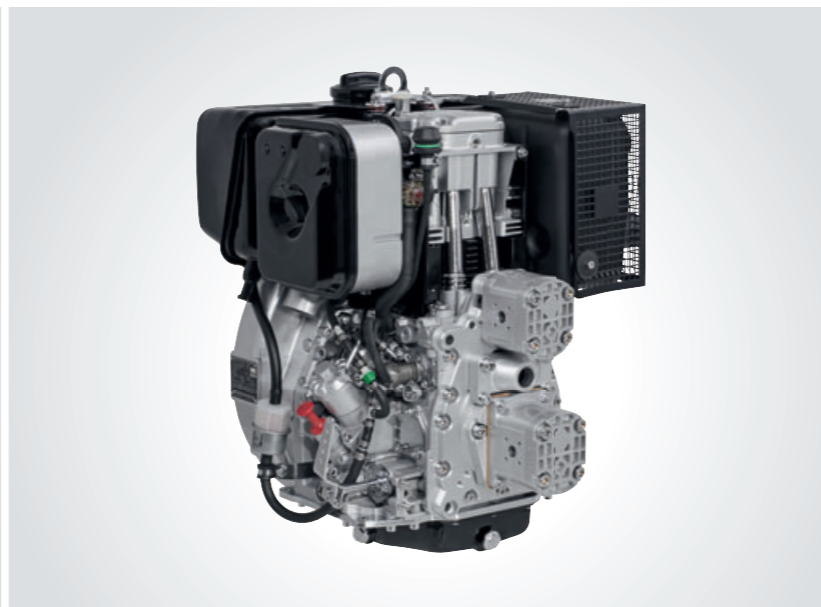


#### Pumps ≥4.65 cm<sup>3</sup> Suction side



### Customisable in all aspects

Due to different power take-off shafts the hydraulic pumps can be connected to the engine based on the requirement of the application.

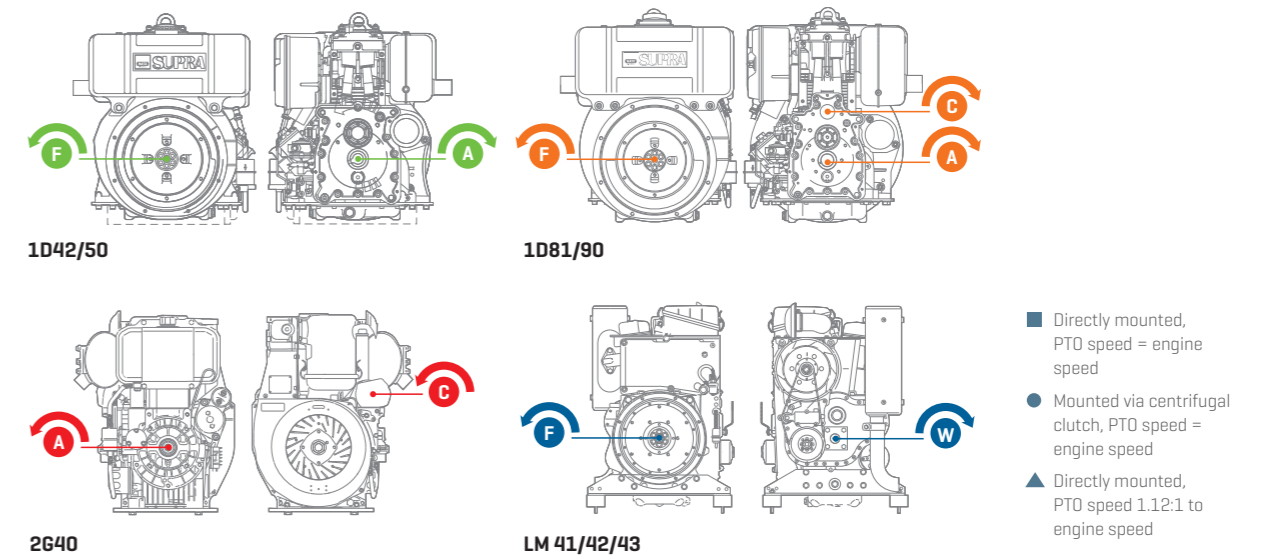


### If more power is required

Two or three hydraulic pumps can be fitted to Hatz diesel engines with higher output.

### Hydraulic pumps and engine matrix

Based on the required flow rate, pressure, maximum speed and sense of rotation the right pump and engine can be selected from the matrix below.



Displacement volume (cm <sup>3</sup> /rev)	Working pressure (bar)	Max. pressure P3 (bar)	Max. speed (rpm)	Sense of rotation	Pump/Engine Options											Part Number	
					1B20/27-X	1B30-X	1B40/50-X	1D42/50/81/90 Flywheel	1D42/50	1D81/90	1D81/90	2G40H	2G40 1:5 Taper	2-3-4 L/M 41 Flywheel	2-3-4 L/M 41-42-43		
2.05	255	300	8000	R	■	■		●	●	●							023 164 00
3.07	255	300	7000	R	■	■		●	●	●							022 882 00
4.65	240	280	3500	R	■	■	■	●	●	●			▲	■	■		022 121 01
				L				■	■					■			022 122 01
6.45	240	280	3500	R	■	■	■	●	●	●					■	■	022 883 00
				L				■	■							■	
8.25	240	280	3500	R	■	■	■	●	●	●					■	■	022 884 00
				L				■	■							■	
12	240	280	3500	R	■	■	■	●	●	●					■	■	022 124 01
				L				■	■							■	
13.8	210	250	3500	R	■	■	■	●	●	●					■	■	022 889 00
				L				■	■							■	
15.52	210	250	3500	R	■	■	■	●	●	●					■	■	022 896 00
				L				■	■							■	
19.12	170	200	3500	R	■	■	■	●	●	●					■	■	022 886 00
				L				■	■							■	
22.87	150	175	3500	R	■	■	■	●	●	●					■	■	022 891 00
				L				■	■							■	
				R	■	■	■	●	●	●					■	■	022 898 00
				L				■	■							■	
				R	■	■	■	●	●	●					■	■	022 899 00
				L				■	■						■		022 126 01
				R	■	■	■	●	●	●					■	■	022 127 01
				L				■	■						■		022 123 01