



Hydraulic generator raises the value and efficiency of all kinds of work machines. The generator is durable and runs reliably. It can be installed practically anywhere, but the compact size allows it even to be installed in the excavator undercarriage. With a hydraulic generator, any electric devices can be used anywhere, anytime!

TOP QUALITY ELECTRICITY FROM THE WORK MACHINE

High quality electricity from hydraulics

A hydraulic generator transforms the hydraulic power of a work machine into high quality electricity with great efficiency. The electricity is suitable for all electric equipment from small devices to heavy work tools.

Power wherever, whenever

When a work machine is equipped with a hydraulic generator, electric power for any purpose is always guaranteed, no matter where you are. Because of its compact size, the generator can be installed on many kinds of machines in virtually any size.

Low cost electricity

Unlike old fashioned generator units, the hydraulic generator produces electricity as a anytime during everyday work. This makes the cost per kVA very reasonable.

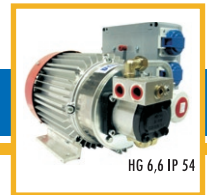
Reliable, durable and safe

Reliable start and independence of extra fuel are assets of a hydraulic generator. Other benefits include long running life and great durability. Most of all, the quality of electricity stays constant, thanks to the automatic speed control valve and vibration free running, which also bring extra safety to use.



POWERED BY HYDRAULICS

HYDRAULIC GENERATOR



Successful and effective completion of many important tasks on a work site requires steady and reliable availability of electricity, in all circumstances. A hydraulic generator, running with the power of work machine hydraulics, guarantees that high quality electricity is always available. The generator can be safely incorporated in any hydraulic system.

The electricity produced by the generator is similar to mains current. It can be used for powering all devices. The extensive set of different Dynaset generator models makes sure that even the biggest need for power can be met.

The reliability of a hydraulic generator is practically the same as that of hydraulics. The automatic speed control valve keeps the quality of electricity constant in all conditions. Quiet, vibration and trouble free running make sure that the generator will provide comfortable service for a long time.

Generators are available in IP protection class 23 and 54 by standard, but can be made higher with optional extra protection.

Compared to a combustion engine driven generator unit of same output level, a hydraulic generator is only one half in weight and size. Still, it easily powers up even a large electric motor with no problem. Dynaset quality guarantees the generator its high operating efficiency and tough loading capacity, both typical for hydraulics.

Connecting a hydraulic generator to the carrier machine is easy. It requires only connection of two hoses, hydraulic pressure and return lines, to the hydraulic take off couplings. Alternatively, a Dynaset installation valve can be implemented into the hydraulic system for maximum reliability and smooth operation.



A hydraulic generator raises the work efficiency by producing electricity in places where it is normally unavailable. It enables the use of all regular electric devices in road building sites, platform lifts etc. - just as you would use the devices with mains current.

Because of its compact size the generator can be installed in small space, for example in the undercarriage of an excavator. This also allows the generator to be placed in safe place and sockets easily accessible. An external junction box is a good option for maximum usability.

Generator	Electric Power Output		Sockets		Dimensions Width x height x length mm	Weight kg	Hydraulic Requirements	
	kVA	kW/cos	1-phase 230 V	3-phase 400 V			Minimum flow l/min	Maximum pressure bar
HG 3,5 kVA 230V-17	3,5	3,5/1,0	2	-	190 x 115 x 420	26	18	210
HG 5,0 kVA 230V-24	5	5,0/1,0	2	-	190 x 225 x 465	29	26	210
HG 6,5 kVA 400V-33	6,5	5,2/0,8	2	1	210 x 340 x 485	42	36	210
HG 10 kVA 400V-48	10	8,0/0,8	2	1	210 x 340 x 500	57	50	210
HG 12 kVA 400V-57	12	9,6/0,8	2	1+1	280 x 395 x 725	66	60	210
HG 15 kVA 400V-65	15	12/0,8	2	1+1	280 x 395 x 840	98	68	210
HG 20 kVA 400V-60/92	20	16/0,8	2	1+1	280 x 395 x 840	120	63/95	300/210
HG 30 kVA 400V-90/129	30	24/0,8	Junction box (optional)		430 x 510 x 1120	193	93/132	300/210
HG 40 kVA 400V-90/165	40	32/0,8			430 x 515 x 1120	198	93/172	420/210
HG 50 kVA 400V-120/210	50	40/0,8			approx. 450 x 550 x 1200	approx. 250	125/215	350/210
HG 60 kVA 400V-120	60	48/0,8			approx. 450 x 550 x 1200	approx. 280	125	420
HG 70 kVA 400V-165	70	56/0,8			approx. 450 x 550 x 1200	approx. 310	170	350

