

EXHAUST HYDRAULIC POWER PACKS TYPE HAS

1. DESTINATION

Exhaust hydraulic power packs type HAS are assigned for supplying miscellaneous mobile industrial devices includes hydraulic components, ex.: hydraulic cylinders or motors.

Particularly, they find employment for supplying construction equipment like: hydraulic hammers, horizontal drilling rigs, geotechnical equipment, specialist equipment for sewerage and road jobs, for supplying forest and rural machines. Main task of hydraulic power pack is supplying hydraulic system by working fluid (hydraulic oil) about required parameters: pressure and flow. We offer two-pumps power packs in standard program of production, enabling supply two independent oil flows. It is applicable in horizontal drilling rigs: greatest flow supplying rotary head, smallest – for feed cylinders.



POWER PACK IN HOUSING ON FRAME

Hydraulic exhaust power packs are offered in following housing versions:

- on wheel for rolling on building site (HAS-6, HAS-9, HAS-13, HAS-18),
- on one-axle trailer (HAS-13, HAS-25, HAS-33),
- on two-axles trailer (HAS-50, HAS-70, HAS-90),
- on frame with or without steel housing (HAS-50, HAS-70, HAS-90, HAS-120, HAS-190, HAS-220, HAS-330).



POWER PACK ON ONE-AXLE TRAILER



POWER PACK ON TWO-AXLES TRAILER

 **BIPROMASZ**® Sp. z o.o. sp. k.


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TECHNICAL PARAMETERS OF HYDRAULIC EXHAUST POWER PACKS TYPE HAS 6 ... 330

TYPE OF POWER PACK	TECHNICAL PARAMETER				
	Power kW	Flow dm ³ /min.	Nominal pressure MPa	Mass kg	Engine (standard)
HAS-6	6,6	20	16	80	Honda
HAS-9	9,9	25+11	16/16	92	Honda or Robin Subaru
HAS-13 HAS-18	13,5 18,5	35+15 33+24	16/20	350	Honda, Kohler, Robin Subaru
HAS-25	27	58+25	20/25	630	Kubota
HAS-33	33	84+30	20/25	650	Kubota
HAS-50	54	100+30	20/25	1260	Iveco
HAS-70	73	135+45	20/25		Kubota
HAS-90	95	180+95	18/25	2300	Deutz or Perkins
HAS-120	123	250+100	20/25	2500	Deutz or John Deere
HAS-190	195	150+150+130	20/25/25	2700	Deutz
HAS-220	224	290+70	28/25	3200	Deutz or John Deere
HAS-330	330	378+132 +58	35/35/35	3700	Deutz

Irrespective from standard offer, each power pack is individual agreed with customer by parameters:

- mount and type of hydraulic pumps,
- flow and oli pressure,
- type of engine,
- type of housing,
- type of quick-couplings and lengths of supplying hoses among power pack and receivers,
- type of hydraulic housing.

In HAS power packs we use hydraulic pumps by  and brand-name exhaust engines included world service and guarantee:

HONDA

Robin

KOHLER

 **Perkins**

Kubota

 **DEUTZ**

IVECO MOTORS

 **JOHN DEERE**

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