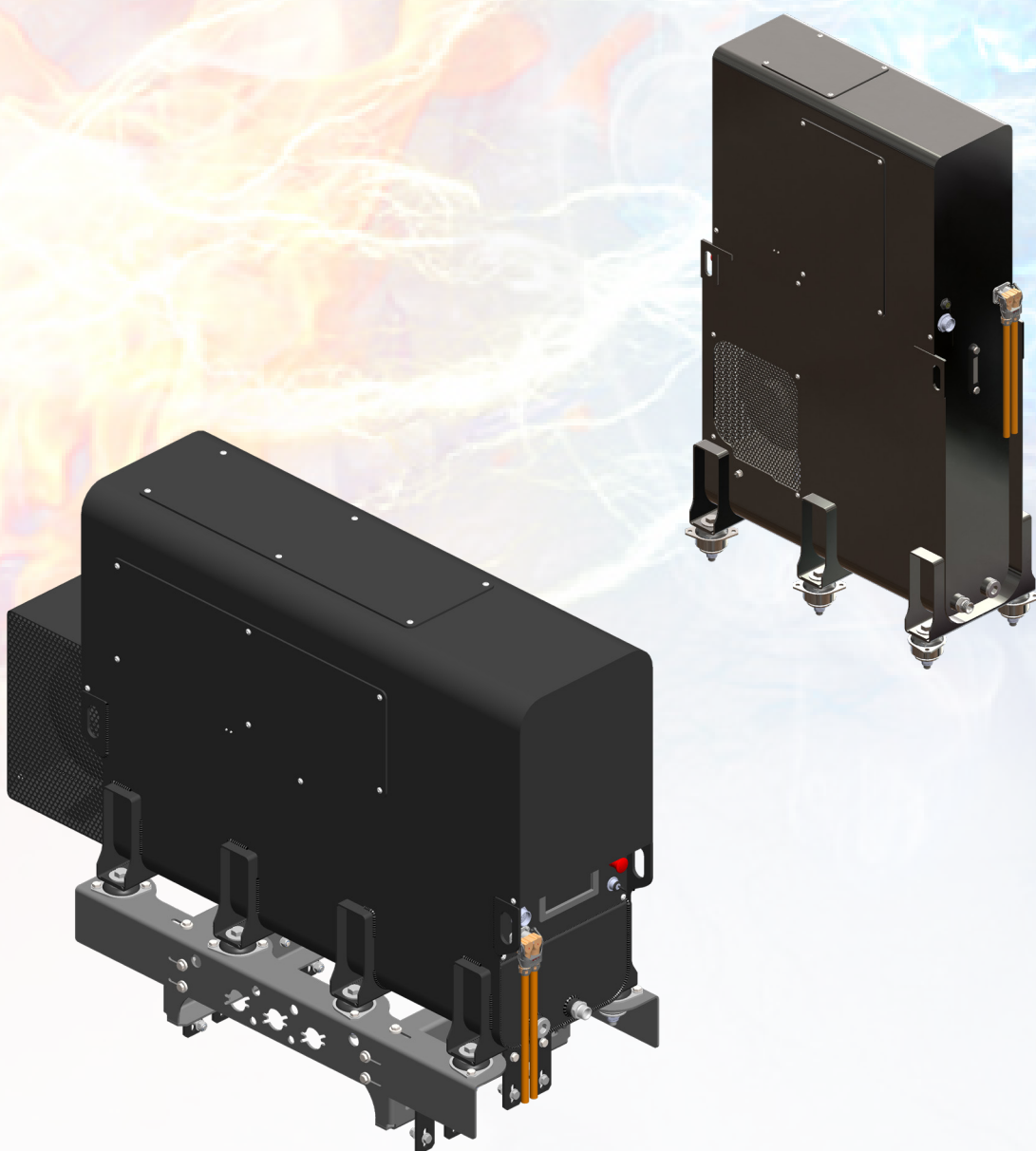


e-PTO

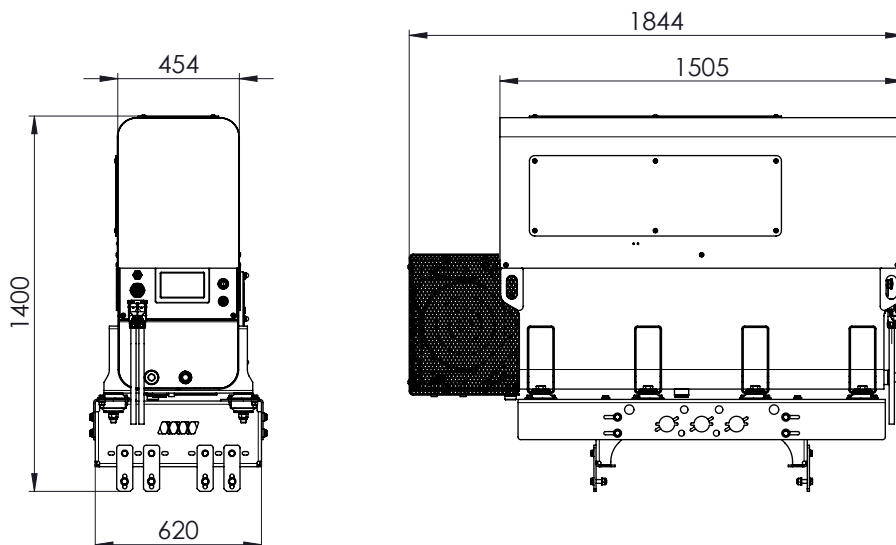
Electric power take off

This silent and compact solution it's the perfect choice for a wide variety of applications on electric commercial vehicles.

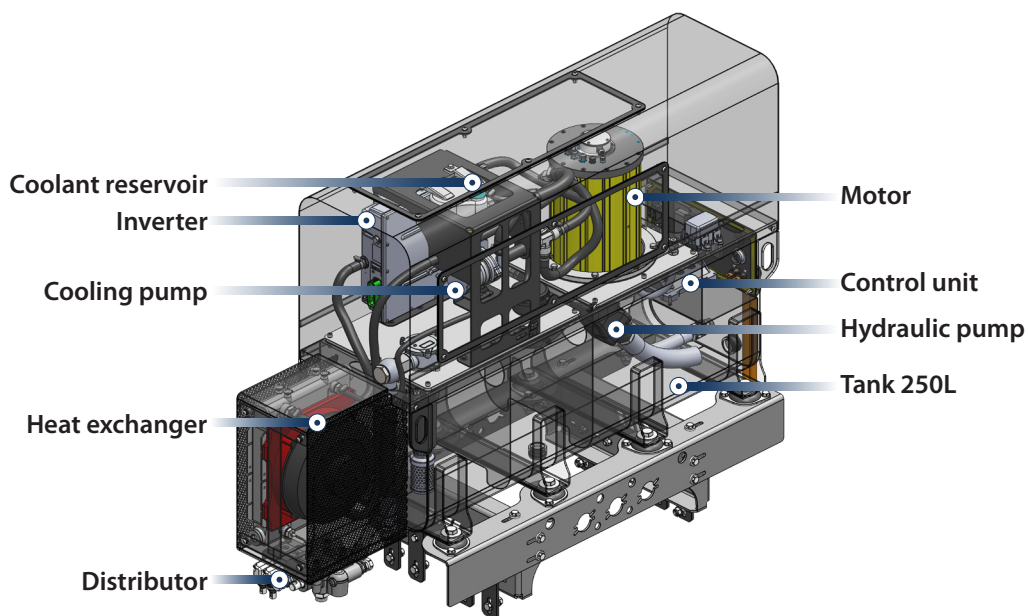
The innovative and fully electrified power take-off system comes as a smart plug & play one-box solution to drive equipment such as hook-lifts, skip loaders or loading cranes.



Dimensions



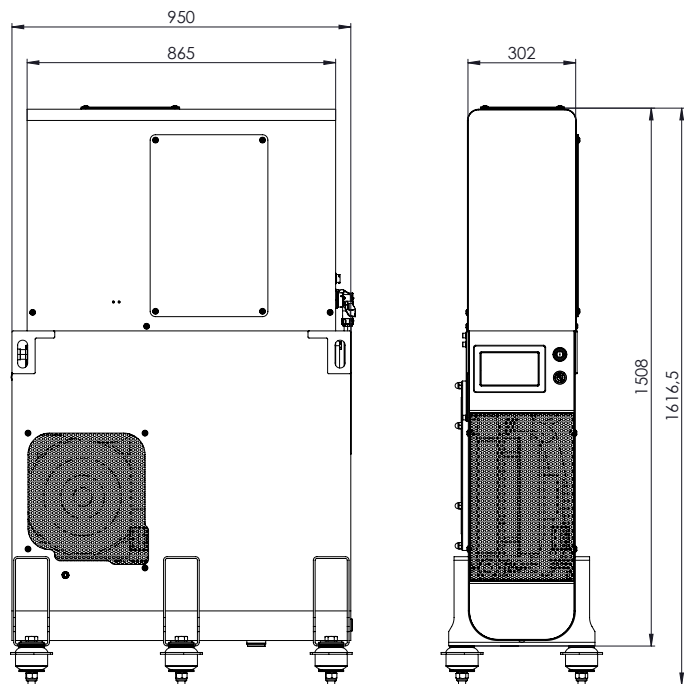
Technical features



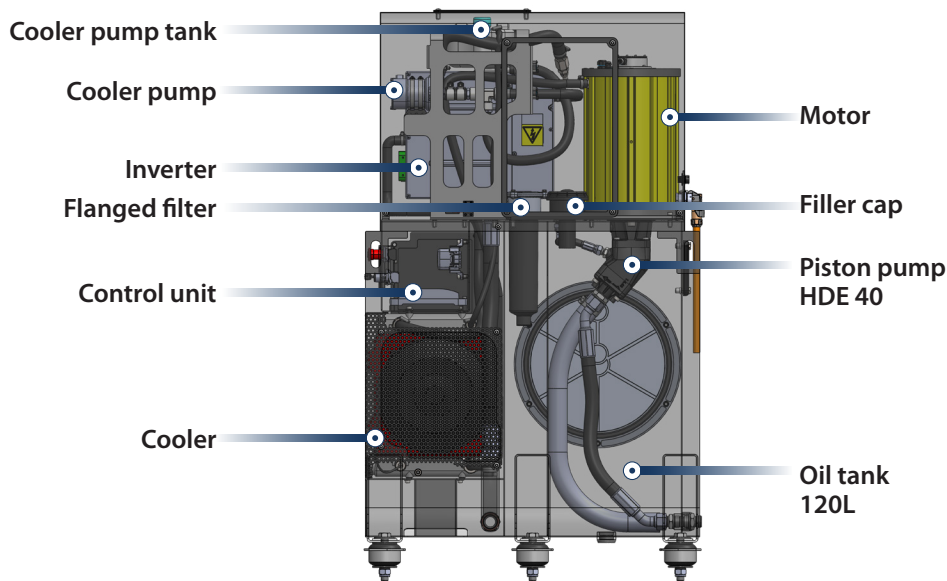
Technical Features

		S1	S2	S2
Feasible operation time		continuous	30 min	300 sec
Torque	T	215 Nm	320 Nm	380 Nm
Power	P	50 kW	75 kW	90 kW
Battery current (DC)		77 A	115 A	138 A
Battery voltage (DC)	U_{DC}	650 V	650 V	650 V
Speed	n	2250 rpm	2250 rpm	2250 rpm
Oil tank capacity		250L		

Dimensions

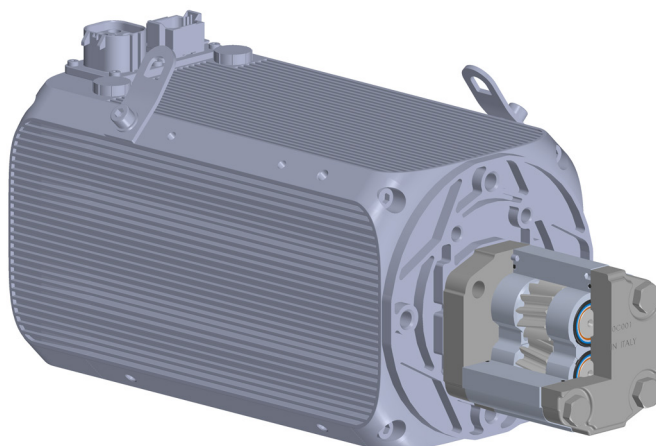


Technical features



Technical Features

		S1	S2	S2
Feasible operation time		continuous	30 min	300 sec
Torque	T	215 Nm	320 Nm	380 Nm
Power	P	50 kW	75 kW	90 kW
Battery current (DC)		77 A	115 A	138 A
Battery voltage (DC)	U_{DC}	650 V	650 V	650 V
Speed	n	2250 rpm	2250 rpm	2250 rpm
Oil tank capacity		120L		

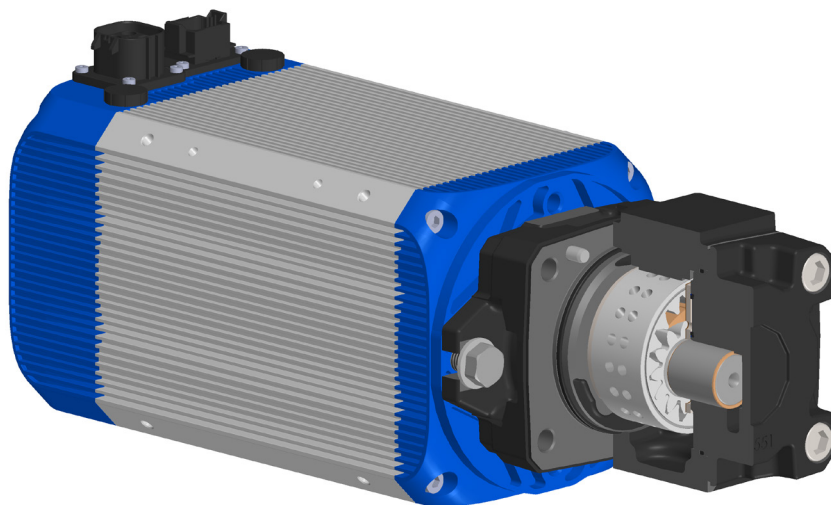


Three phase synchronous reluctance motor - Technical Features

		S1 (liquid)	S1 (natural)	Peak
Feasible operation time		continuous	continuous	
Torque	T	22 Nm	7,4 Nm	48 Nm
Power	P	6 kW	2,4 kW	12,5 kW
Battery current (DC)		14 A	6,5 A	30 A
Battery voltage (DC)	U _{DC}	650 V	650 V	650 V
Speed	n	2600 rpm	3100 rpm	5000 rpm

New IMH - Hydraulic Internal gear pump Features

Displacement	cm ³ /rev	4 cc	to	25 cc
Max continuous pressure (100%)	bar	260		180
Max peak pressure (2 sec.max)	bar	310		230
Max continuous speed	rpm	4000		2900
Min speed	rpm	600		500

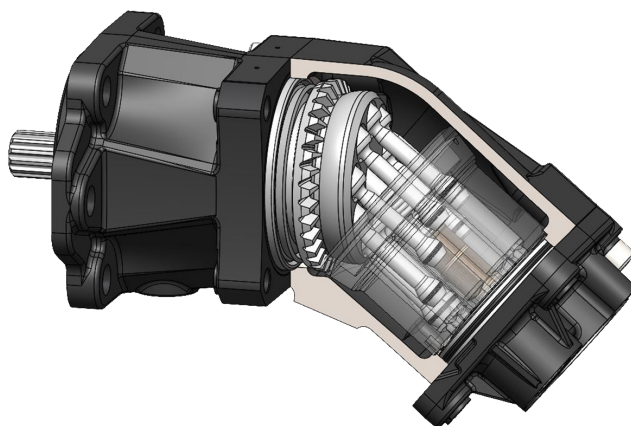


Three phase synchronous reluctance motor - Technical Features

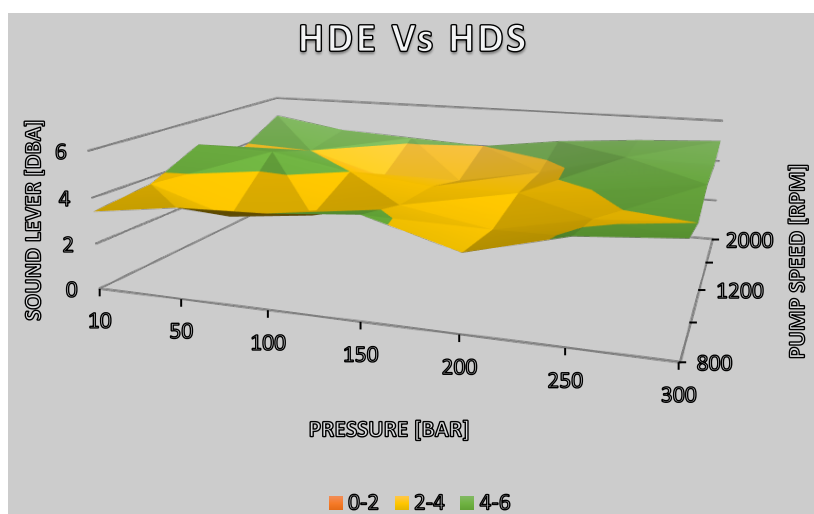
		S1	S2	S2
Feasible operation time		continuous	30 min	300 sec
Torque	T	60 Nm	80 Nm	95 Nm
Power	P	18 kW	26 kW	30 kW
Battery current (DC)		28 A	40 A	46 A
Battery voltage (DC)	U _{DC}	650 V	650 V	650 V
Speed	n	3000 rpm	3000 rpm	3000 rpm

New IMH - Hydraulic Internal gear pump Features

Displacement	cm ³ /rev	20 to 50 cc
Max continuous pressure (100%)	bar	320
Max peak pressure (6 sec.max)	bar	350
Max continuous speed	rpm	3000
Min speed	rpm	400

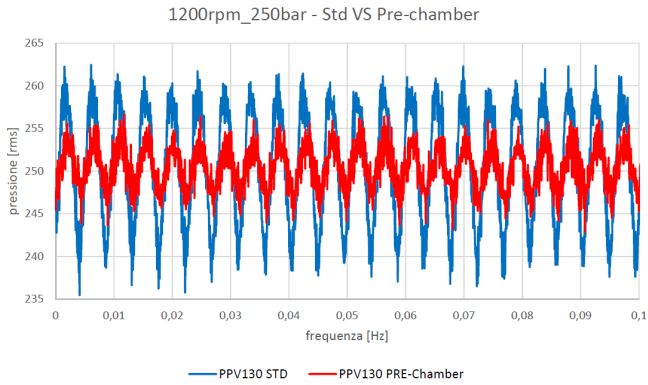
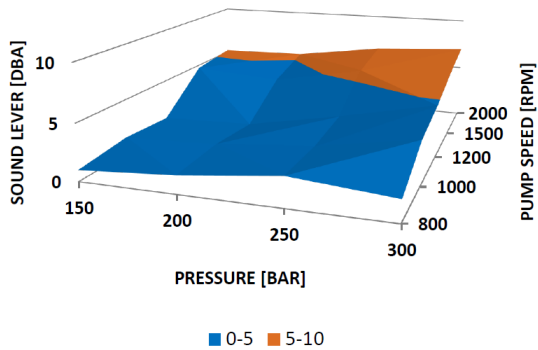
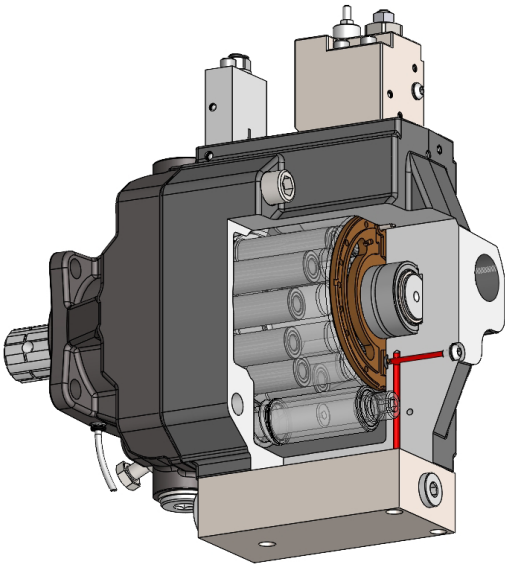


Technical features



New HDE - Hydraulic Piston Pump Features

Displacement	cm ³ /rev	41.25
Max continuous pressure (100%)	bar	380
Max peak pressure (6 sec.max)	bar	420
Max continuous speed without load	rpm	3000
Max continuous speed	rpm	2500
Max intermittent speed	rpm	2800
Min speed	rpm	200



PPVe - Silent Variable Displacement Piston Pump		
Displacement	cm ³ /rev	130 cc
Working pressure	bar	375
Intermittent pressure	bar	400
Maximum speed at full displacement	rpm	2100
Minimum speed	rpm	500

8
INTERNATIONAL
OFFICES

75+
AUTHORIZED
DEALERS



Headquarters:



COMPANY WITH
MANAGEMENT SYSTEM
CERTIFIED BY DNV
ISO 9001 • ISO 14001
IATF 16949

O.M.F.B. S.p.A. Hydraulic Components

Via Cave, 7/9 - 25050 Provaglio d'Iseo (BS) - ITALY
Tel.: (+39) 030 9830611

e-mail: contatti@omfb.it
www.omfb.com



[linkedin.com/company/omfbhydraulics](https://www.linkedin.com/company/omfbhydraulics)



[instagram.com/omfbhydraulics](https://www.instagram.com/omfbhydraulics)



[facebook.com/omfbhydraulics](https://www.facebook.com/omfbhydraulics)



[youtube.com/@omfbhydraulics](https://www.youtube.com/@omfbhydraulics)

Member of OMFB group:



VBR Srl

Via Masaccio, 17
42124 Reggio Emilia - ITALY
Tel.: (+39) 0522 1722340

e-mail: info@vbrhydraulics.com
www.vbrhydraulics.com

International offices:



OMFB FRANCE SAS

e-mail: contact@omfb.fr



OMFB IBERTEC, S.L.

e-mail: iberteht@iberteht.com



CVH - OMFB Limited

e-mail: carl.hinds@cvhomfb.co.uk



OMFB NORDIC OY

e-mail: nordic.sales@omfb.com



OMFB HIDROLİK SANAYİ VE TİCARET LİMİTED ŞİRKETİ

e-mail: sami.dibek@omfb.com.tr



OMFB INDIA PVT LTD.

e-mail: sales@omfbindia.com



O.M.F.B. S.p.A. Hydraulic Components

e-mail: aston.chen@omfb.com



OMFB PACIFIC PTY LTD

e-mail: sales@omfbpacific.com - www.omfbpacific.com