

Elettropompe sommergibili

MUDIGER®



Elettropompe sommergibili per acque cariche e fangose Submersible electric pumps for wastewater and mud

Prevalenza: 10,0 mt ÷ 32,0 mt
Portata: 54,0 m³/h ÷ 90,0 m³/h
Pot. assorbita: 1,65 kW ÷ 8,9 kW

Applicazioni

- Movimentazione di acque cariche contenenti materiali abrasivi.
- Pompaggio di acque luride con corpi solidi in sospensione.
- Pompaggio di liquidi con elevate densità.

Pump head: 10,0 mt ÷ 32,0 mt
Delivery: 54,0 m³/h ÷ 90,0 m³/h
Power: 1,65 kW ÷ 8,9 kW

Applications

- Handling of moderately foul water with material and abrasive material contents.
- Pump out of lavatory/foul water with possible floating solids contents.
- Handling liquids with high densities.

CARATTERISTICHE DI COSTRUZIONE	DESIGN ENGINEERING
<ul style="list-style-type: none"> • Motore a bagno d'olio per raffreddamento e lubrificazione cuscinetti. • Doppia tenuta meccanica: Lato motore a bagno d'olio Lato pompa a bagno d'acqua 	<ul style="list-style-type: none"> • <i>Oil bath motor for cooling and bearing lubrication.</i> • <i>Double mechanical seals: Engine face oil bath Pump face water bath</i>
<ul style="list-style-type: none"> • Curva di potenza non sovraccaricante 	<ul style="list-style-type: none"> • <i>Non overloading power curve.</i>
<ul style="list-style-type: none"> • Passaggio solidi: <ul style="list-style-type: none"> - 2P50 - Ø50mm - 4P50 - Ø72mm - 4P72 - Ø72mm 	<ul style="list-style-type: none"> • <i>Solids handling:</i> <ul style="list-style-type: none"> -2P50 - Ø50mm -4P50 - Ø50mm -4P72 - Ø72mm
<ul style="list-style-type: none"> • Immersione massima: mt. 20. 	<ul style="list-style-type: none"> • <i>Permissible draught of water: 20 m.</i>
<ul style="list-style-type: none"> • Grado di protezione IP 68. 	<ul style="list-style-type: none"> • <i>IP 68 protection class.</i>
<ul style="list-style-type: none"> • Classe di isolamento: F. 	<ul style="list-style-type: none"> • <i>Class F insulation</i>
<ul style="list-style-type: none"> • Versioni: Trifase: 230V/50Hz e 400V/50Hz. 	<ul style="list-style-type: none"> • <i>Versions: Single Three-Phase: 230V/50Hz and 400V/50Hz.</i>
<ul style="list-style-type: none"> • Cavo standard: 10 metri H07RN-F. 	<ul style="list-style-type: none"> • <i>Standard cable features: 10 meters H07RN-F.</i>

Speciali voltaggi e frequenze a richiesta.

Accessori disponibili a richiesta:

- Quadro elettrico trifase di protezione:
 - Comando galleggiante elettromeccanico.
 - Comando sensore presenza acqua in camera tenuta meccanica.
 - Comando sensori termici indipendenti protezione motore.

Customised voltage and frequency rating available on demand.

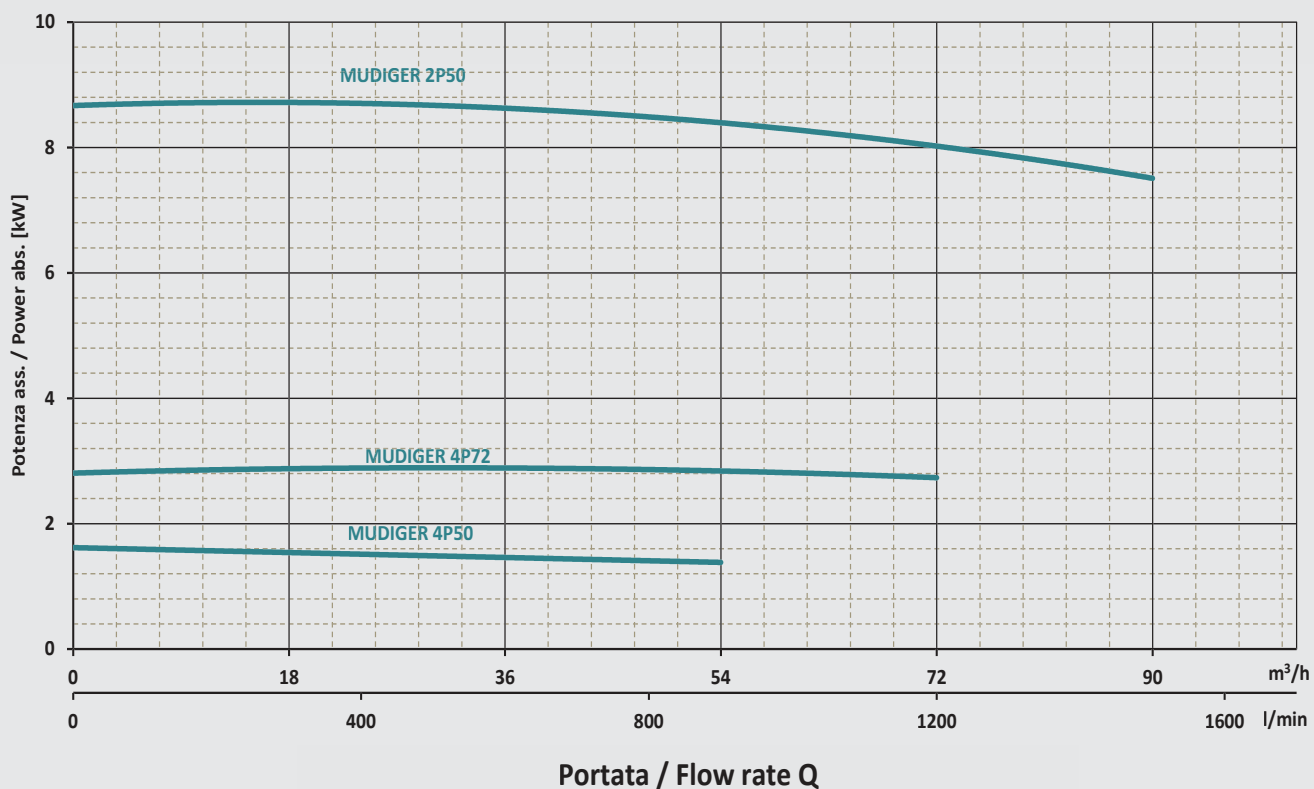
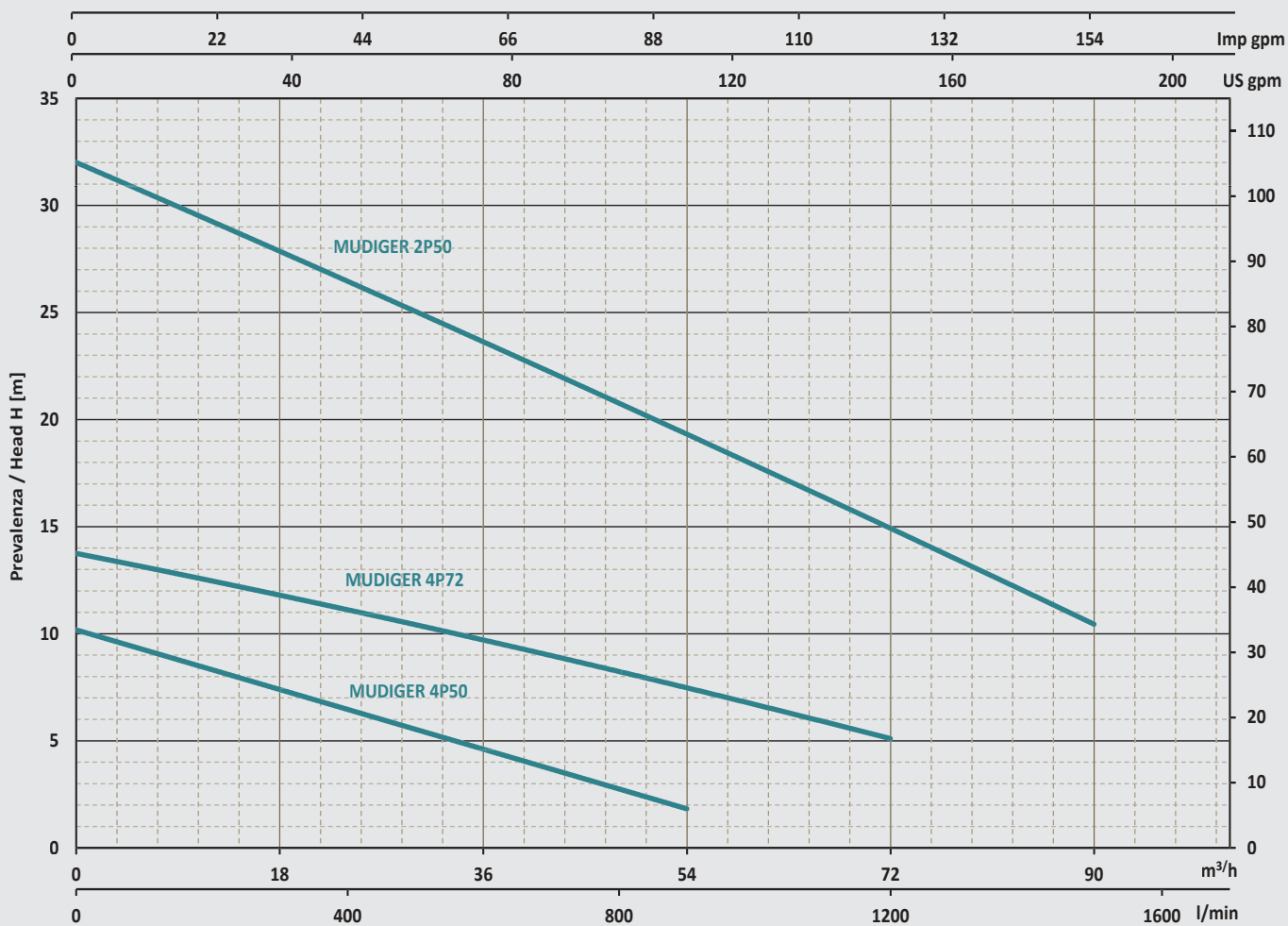
Accessories available on demand:

- Three phases electrical safety power supply:
 - Electromechanical float control.
 - Control of water presence sensor in mechanical seal chamber.
 - Control of independent thermal sensors for motor protection.

TABELLA MATERIALI - MATERIALS TABLE

Pos.	COMPONENTI COMPONENTS	MATERIALE MATERIALS	
A	Coperchio Cover	Ghisa (G20) Cast iron	
B	Cassa motore Motor housing	Ghisa (G20) Cast iron	
C	Albero Shaft	Acciaio inox aisi 9840 Din 1.6510 Stainless steel	
D	Corpo pompa Pump body	Ghisa (G25) Cast iron	
E	Tenuta meccanica Mechanical seal	Lato pompa Pump face	Carburo di silicio Viton Silicon carbide Viton
		Lato motore Motor face	Carburo di silicio Silicon carbide
F	Piattello tenuta meccanica Mechanical seal plate	Ghisa (G25) Cast iron	
H	Girante Impeller	Ghisa ad elevata durezza High hardness chrome cast iron (HC version)	
I	Diffusore Diffuser	Acciaio inox aisi 316 Din 1.4401 / Stainless steel	
L	Base d'aspirazione Suction base	Ghisa (G25) Cast iron	

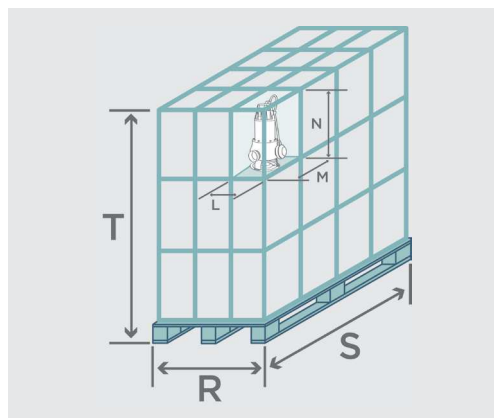
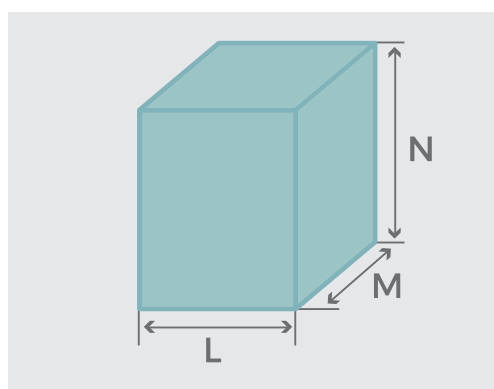
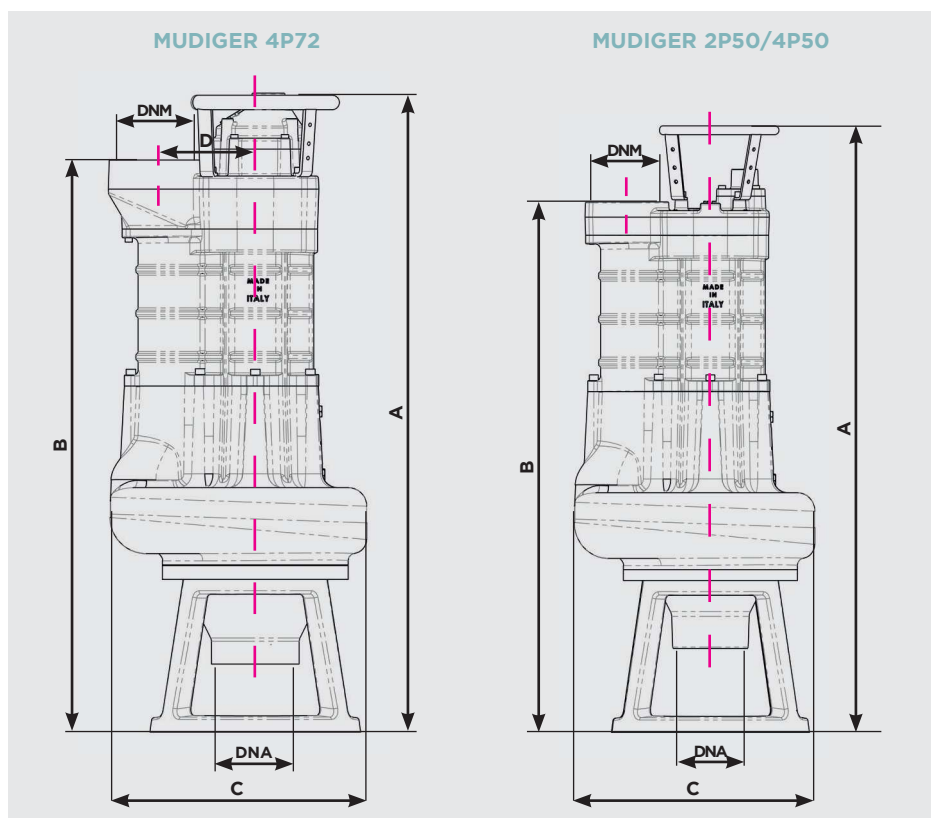
Prestazioni / Performance Data 50Hz



Le prestazioni valgono per liquidi con densità $\rho = 1,0 \text{ kg/dm}^3$ ed una viscosità $\nu = 1 \text{ mm}^2/\text{s}$
 The performance data holds true for liquids with a $\rho = 1,0 \text{ kg/dm}^3$ density and a $\nu = 1 \text{ mm}^2/\text{s}$ viscosity.

Codice	Modello	DATI ELETTRICI ELECTRICAL DATA					DATI IDRAULICI - HYDRAULIC DATA										
		Phase	Volt	Hz	P ass. kW	I ass. A	m3/h l/min.	0	9	18	27	36	45	54	63	72	90
Code	Model						H (m)	0	150	300	450	600	750	900	1050	1200	1500
MDG2P503	MUDIGER 2P50	3 -	400	50	8,9	14,7	H (m)	32	30	27,5	26	24	21,5	19	17	15	10,5

4 POLI n=1450 min ⁻¹																	
MDG4P503	MUDIGER 4P50	3 -	400	50	1,65	4,3	H (m)	10	9	7,5	6	4,5	3	2	-	-	-
MDG4P723	MUDIGER 4P72	3 -	400	50	3,1	5,8		13,7	12,8	11,9	10,9	9,5	8,5	7,5	6,5	5	-



MODELLO MODEL	DIMENSIONI POMPA PUMP DIMENSION					
	DNA	DNM	A	B	C	D
MUDIGER 2P50	2" 1/2	3"	840	732,5	350	117
MUDIGER 4P50	2" 1/2	3"	840	732,5	350	117
MUDIGER 4P72	3"	4"	880	787	350	134

MODELLO MODEL	DIMENSIONI SCATOLA PACKING DIMENSION				DIMENSIONI PALLET PALLET DIMENSIONS				
	L mm	M mm	N mm	Peso Weight kg	R mm	S mm	T mm	NR scatole	PESO Kg
MUDIGER 2P50	1000	450	400	90	800	1000	1350	6	540
MUDIGER 4P50	1000	450	400	86	800	1000	1350	6	516
MUDIGER 4P72	1000	450	400	94	800	1000	1350	6	564

**Elettropompe
Sommers**

***Submersible
Electric Pumps***

