



# PTC5E



## UNIT

## UNITÀ



**160 kW - 220 CV/HP**



Direct transmission by joint with elastic element and protective cover /  
*Trasmissione diretta con elemento elastico intermedio e carter di protezione*



2500 mm x 1600 mm x 1500 mm  
 98,4 inch x 63,0 inch x 59,0 inch



2200 Kg - 4850 lbs



**HPP H200**

**PERFORMANCE****PRESTAZIONI**

Pompa Pump	Configurazione Configuration	Portata Flow [l/min]	Portata Flow [gpm]	Pressione Pressure [Bar]	Pressione Pressure [kpsi]	[kW]	[hp]
H200 SAP-45	LP	228	60.2	355	5.1	160	220
H200 SAP-40	LP	180	47.6	450	6.5		
H200 SAP-35	LP	138	36.5	600	8.7		
H200 SAP-32	LP	115	30.4	700	10		
H200 SAP-30	MP	101	26.7	800	11.6		
H200 SAP-28	MP	88	23	1000	15		
H200 SAP-26	HP	76	20	1200	17.4		
H200 SAP-24	HP	65	17.2	1300	18.8		
H200 SAP-22	HP	55	14.5	1470	21		
H200 UAP-20	UHP	40	11	2000	30		
H200 UAP-18	UHP	33	9	2500	36		
H200 UAP-16	UHP	26	7	2800	40		

**CONFIGURATION****CONFIGURAZIONI**

<b>Bassa Pressione</b> <b>Low Pressure</b> <b>LP</b> $p \leq 700\text{bar}$	LPm	Versione Manuale	Manual version
	LPn	Versione pneumatica	Pneumatic version
	LPi	Versione con inverter	Inverter version
	LPX	Versione elettronica	Automatic version
<b>Media Pressione</b> <b>Medium Pressure</b> <b>MP</b> $700\text{bar} < p \leq 1000\text{bar}$	MPm	Versione Manuale	Manual version
	MPn	Versione pneumatica	Pneumatic version
	MPi	Versione con inverter	Inverter version
	MPX	Versione elettronica	Automatic version
<b>Alta Pressione</b> <b>High Pressure</b> <b>HP</b> $1000\text{bar} < p \leq 1500\text{bar}$	HPm	Versione Manuale	Manual version
	HPn	Versione pneumatica	Pneumatic version
	HPi	Versione con inverter	Inverter version
	HPX	Versione elettronica	Automatic version
<b>Altissima Pressione</b> <b>Ultra High Pressure</b> <b>UHP</b> $p > 1500\text{bar}$	UHPm	Versione Manuale	Manual version
	UHPn	Versione pneumatica	Pneumatic version
	UHPi	Versione con inverter	Inverter version
	UHPX	Versione elettronica	Automatic version

**H200 UAP PUMP (by HPP)****POMPA H200 UAP (HPP)**

Plungers: <i>Pistoni</i>	Solid tungsten carbide <i>Carburo di Tungsteno</i>	
Lubrication <i>Lubrificazione</i>	Forced with oil cooler <i>Forzata con scambiatore di calore</i>	
Gear box <i>Riduttore</i>	Internal <i>Interno</i>	(1500rpm; 1800rpm)
Pump crank case <i>Meccanica</i>	Cast iron <i>Ghisa</i>	
Pump head <i>Testata</i>	Stainless Steel AISI 630 <i>Inox AISI 630</i>	
Crankshaft speed <i>Velocità albero</i>	480 rpm	
Weight <i>Peso</i>	500 kg	
Min. water inlet pressure	6 bar	
Max water inlet temp.	30°C	

**H200 SAP PUMP (by HPP)****POMPA H200 SAP (HPP)**

Plungers: <i>Pistoni</i>	Solid tungsten carbide <i>Carburo di Tungsteno</i>	
Lubrication <i>Lubrificazione</i>	Forced with oil cooler <i>Forzata con scambiatore di calore</i>	
Gear box <i>Riduttore</i>	Internal <i>Interno</i>	(1500rpm; 1800rpm)
Pump crank case <i>Meccanica</i>	Cast iron <i>Ghisa</i>	
Pump head <i>Testata</i>	Stainless Steel AISI 630 <i>Inox AISI 630</i>	
Crankshaft speed <i>Velocità albero</i>	480 rpm	
Weight <i>Peso</i>	500 kg	
Min. water inlet pressure	3 bar	
Max water inlet temp.	30°C	

**MOTOR****MOTORE**

Motor size <i>Taglia motore</i>	315LA4 IE3 B3
Max power <i>Potenza massima</i>	160kW @ 1480rpm
Weight <i>Peso</i>	1170 kg



400V Asynchronous motor, 3-phases, 4 poles, IE3, IP55 degree of protection (IP65 terminals box), Class F insulation.

Operation in S1 continuous service, IC 411

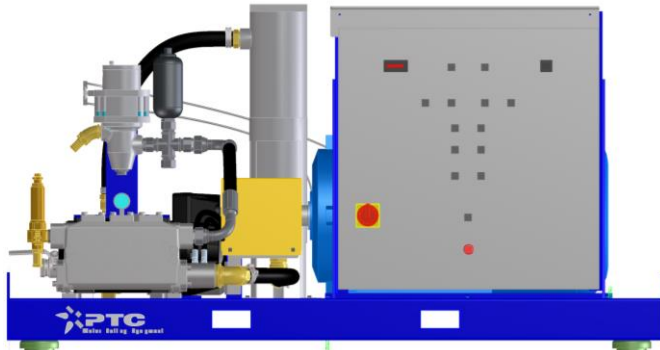
*Motore asincrono 400V trifase, 4 poli, IE3, grado di protezione IP55 (IP65 scatola connessione), isolamento classe F.*

*Funzionamento in servizio continuo S1, IC 411*

**VERSION****ALLESTIMENTO**

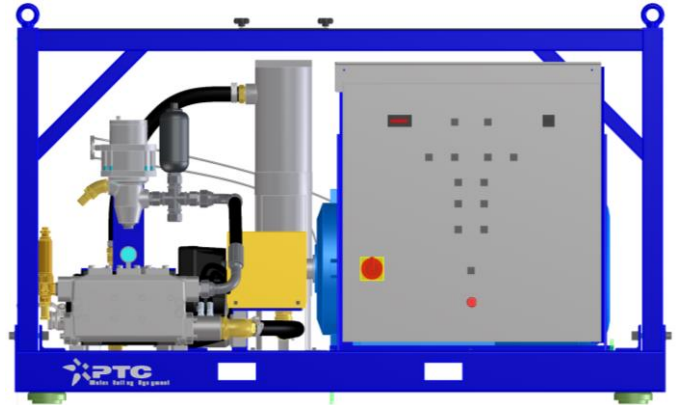
## FRAME/TELAIO

Skid/Basamento



Extremely compact base unit mounted on steel frame with vibration-damping mounts, suitable for fixed installation in vehicles, trailers or containers.  
 Dimension (approx.): 2.500 x 1.600 x 1.500 mm  
 Weight (approx.): 2.200 kg

Skid + Roof



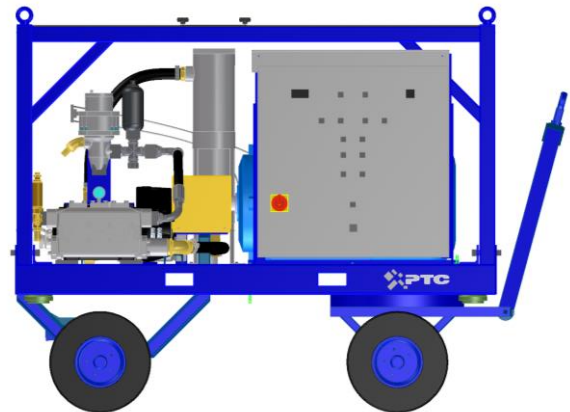
Compact unit mounted on steel frame with openings for easy transport with forklift, designed for stationary use in industrial plants or construction sites with limited space.  
 Available on request in trolley version.  
 Dimension (approx.): 2.500 x 1.600 x 1.500 mm  
 Weight (approx.): 2.500 kg

Skid + Soundproof canopy/ Basamento + Cabina insonorizzata



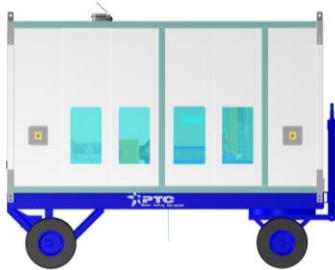
Compact unit mounted on a steel frame with openings for easy transport with forklift, designed for stationary use in industrial plants or construction sites with open spaces. Equipped with a fiberglass casing that protects the unit from any external agents.  
 Dimension (approx.): 3.000x1.500x2.250 mm  
 Weight (approx.): 3.200 kg

Trolley mount + Roof/Telaio con carrello+tetto di copertura



In the trailer configuration/trolley configuration the base unit is mounted on double axis trolley made of treated steel, for a maximum total weight of 3.5 tonnes. Ideal for application on construction sites where ease of transport is a must.  
 Dimension (approx.): 3.000x1.750x2.250 mm  
 Weight (approx.): 2.800 kg

A) Trolley mount + Soundproof canopy/ Telaio con carrello + Cabina insonorizzata

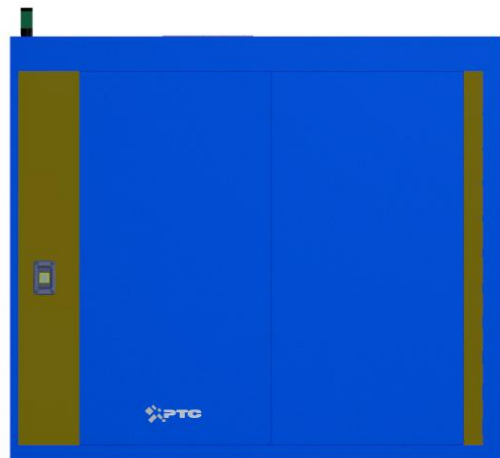


B) Road-going Trailer mount + Soundproof canopy/Telaio con carrello stradale + cabina insonorizzata



In the trailer configuration/trolley configuration the base unit is mounted on double axis/trolley made of treated steel, for a maximum total weight of 3.5 tonnes, and covered with a high-strength fiberglass casing equipped with ventilation grilles. Ideal for application on construction sites where ease of transport is a must.  
Dimension (approx.): 3.000x1.750x2.250 mm  
Weight (approx.): 3.000 kg

Container on demand / Container su richiesta



The interior fittings of containers represent a customized solution for special needs linked in particular to their use on offshore platforms.  
Dimension (approx.): 3.000x2.500x2.600 mm  
Weight (approx.): 3.200 kg

**DOCUMENTATION**

**DOCUMENTAZIONE**



Use & Maintenance manual, CE and Origin Certificate.

Manuale uso e manutenzione, certificato CE.



Further documentation or certificates are optional and they must be defined before the order.

Ulteriore documentazione o certificati solo a richiesta e devono essere definiti prima dell'ordine di acquisto.

**OPTIONAL**

**OPZIONI**

**OPTIONS**

- Booster pump
- SS Water tank 150lt
- SOFT START
- SIR Compliance

**OPZIONI**

- Pompa centrifuga
- Serbatoio acqua inox 150lt
- SOFT START
- SIR