

# MEC 300 Centrifugal Pump



**TRAVAINI  
PUMPS USA**  
Liquid Ring & Rotary Vane Vacuum Pumps and Systems

200 Newsome Drive  
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<b>Head Capacity</b>	
<b>Capacity</b>	To 9450 USGPM
<b>Features</b>	Oversized 316SS shaft to minimize deflection and vibrations
<b>Shaft Sealing</b>	Mechanical seal (std) Double mechanical seal Packing Seal
<b>Options</b>	Bareshaft Pump Coupled to electric motor
<b>Temperature</b>	GS & RA: -20°C-280°C A3, HC, & DU: -40°C-280°C
<b>Casing Pressure</b>	232 PSI to 248 F; 10 PSI to 608 F

## Technical Data

PUMP TYPE		MEC300-450	
Head, max	Ft		
Capacity, max	GPM	7000	9450
Speed	RPM	880	1180

## Standard Materials of Construction\*\*

## Model Designation

Part No.	Description	GS	RA	A3	HC	DU
102	Pump casing	Ductile iron			Hastelloy C	ASTM-CN7M
135	Wear plates	-	Cast iron			
161	Casing cover	Ductile iron				
210	Shaft	Stainless steel AISI 316				Incoloy 825
230	Impeller					ASTM-CN7M
330	Bearing housing	Cast iron				
524	Shaft sleeve	Stainless steel AISI 316			Hastelloy C	Incoloy 825

\*\*Special Materials Available Upon Request  
--For further information please consult Travaini Pumps USA.

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