

## TCHM 50 Centrifugal Pump



<b>Head Capacity</b>	21 to 475 Feet
<b>Capacity</b>	Up to 440 USGPM
<b>Features</b>	Closed impeller design for use with clean or muddy liquids
<b>Shaft Sealing</b>	Mechanical seal (standard) Double mechanical seal Packed stuffing box
<b>Options</b>	Bareshaft pump Coupled to electric motor Monoblock
<b>Temperature</b>	GS & RA: -20°C-280°C A3, HC, & DU: -40°C-280°C

### Technical Data

PUMP TYPE		TCHM50-125		TCHM50-160		TCHM50-200		TCHM50-250		TCHM50-315	
Head, max	Ft	32	125	49	200	73	300	120	472	180	
Capacity, max	GPM	185	375	246	440	220	440	240	440	275	
Speed	RPM	1750	3500	1750	3500	1750	3500	1750	3500	1750	

### Standard Materials of Construction\*\*

Part No.	Description	GS	RA	A3	HC	DU
102	Pump casing	Ductile iron			Hastealloy 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		Hastealloy C	Incoloy 825	

### Model Designation

<b>TCHM50-200 A/1X-C/A3</b>	
T	Travaini manufacturer
C	Monostage centrifugal pump
H	Closed impeller
M	Monoblock Construction
50	Discharge flange size (mm)
200	Nominal diameter of impeller (mm)
A	Modification of hydraulic design
1X	Constructive project number
C	Shaft sealing: C—Single mechanical seal 2C— Double mechanical seal
A3	Materials of construction

\*\*Special materials available upon request

--For further information please consult Travaini Pumps USA.