

# TCH 65 Centrifugal Pump



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<b>Head Capacity</b>	10 to 475 Feet
<b>Capacity</b>	Up to 830 USGPM
<b>Features</b>	Oversized alloy shaft to minimize deflection and vibrations
<b>Shaft Sealing</b>	Mechanical seal (standard) Double mechanical seal Stuffed packing 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		TCH65-125		TCH65-160		TCH65-200		TCH65-250		TCH65-315	
Head, max	Ft	34	120	50	200	73	300	118	475	180	
Capacity, max	GPM	325	670	400	750	400	830	390	750	445	
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

<u>TCH65-200 A/1X-C/A3</u>	
T	Travaini manufacturer
C	Monostage centrifugal pump
H	Closed impeller
65	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.

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