

# TCS 100 Centrifugal Pump



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<b>Head Capacity</b>	16 to 330 Feet
<b>Capacity</b>	Up to 175 USGPM
<b>Features</b>	Open impeller design allows for the handling of highly abrasive liquids containing suspended solids
<b>Shaft Sealing</b>	Mechanical seal (std) Double mechanical seal Packed stuffing box
<b>Options</b>	Bareshaft pump Coupled to electric motor Spacer coupling Monoblock
<b>Temperature</b>	GS & RA: -4°F-536°F A3, HC, & DU: -40°F-536°F

## Technical Data

PUMP TYPE		TCS100-250
Head, max	Ft	72
Capacity, max	GPM	770
Speed	RPM	1450

## 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

TCS100-250 A/1X-C/A3	
T	Travaini manufacturer
C	Monostage centrifugal pump
S	Open impeller
100	Discharge flange size (mm)
250	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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