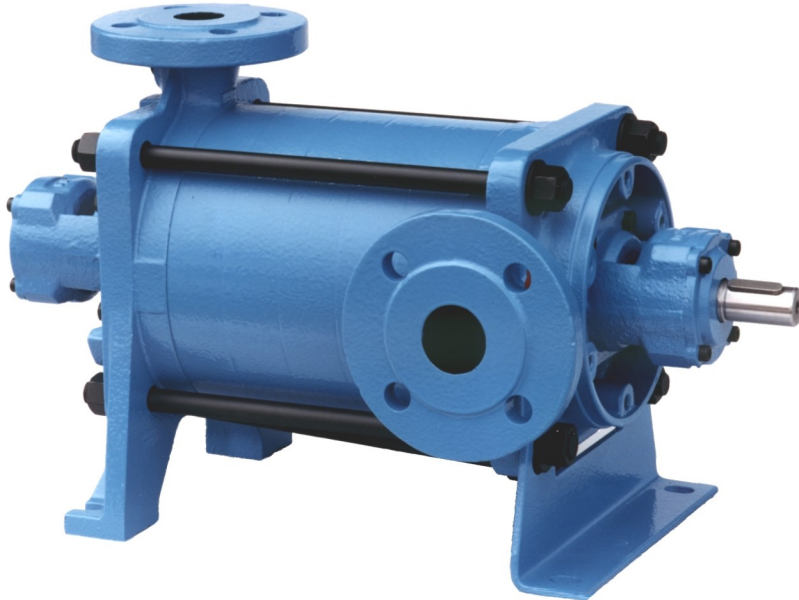


**TMA 50  
Multi-stage  
Centrifugal Pump**



200 Newsome Drive  
Yorktown, VA 23693  
1-800-535-4243  
www.Travaini.com



<b>Head Capacity</b>	290-1248 Feet
<b>Capacity</b>	103-240 GPM
<b>Features</b>	Closed impellers in series increase the head as the fluid is transferred from one impeller to the next
<b>Shaft Sealing</b>	Mechanical seals Double mechanical seals Packed stuffing box
<b>Options</b>	Bareshaft pump Coupled to electric motor Monoblock mounting
<b>Temperature</b>	F, RA, A3: -14 F—320 F

**Technical Data**

Capacity	USGPM	100		140		180		200		230	
Model		Ft	HP	Ft	HP	Ft	HP	Ft	HP	Ft	HP
TMA50-3		462	21.8	428	25	380	28.2	355	29.9	300	31.7
TMA50-4	Flange size	617	29	575	33	508	37.8	465	40	398	41.9
TMA50-5	Inlet 2-1/2"	765	36	715	41.7	634	47.4	580	48.7	500	52
TMA50-6	Outlet : 2"	925	43.4	851	51.2	758	58	702	61.7	600	63.8
TMA50-7		1075	51.5	1000	57.8	880	66	825	68	700	73.5
TMA50-8		800	57	945	66	1015	75	1146	78	1225	84
<b>NPSH</b>	FT	7		11		14		17		22	

**Standard Materials of Construction\*\***

Part No.	Description	F	RA	A3
106	Suction casing	Ductile iron		
107	Discharge casing			
108.1	Diffuser	Cast iron		
210	Shaft	Stainless steel AISI 420	Stainless steel AISI 316	
230	Impeller			
350-353-357	Bearing housing	Cast iron		
524	Shaft sleeve	Stainless steel AISI 316		

**Model Designation**

<b>TMA50-3A/1X-C/A3</b>	
T	Travaini manufacturer
M	Multistage centrifugal pump
A	Max pressure 40 Bar
32	Pump size
3	Number of stages
A	Revision
1X	Constructive project number
C	Shaft sealing: C—single mechanical seal 2C— Double mechanical seal B—Packing seal
A3	Materials of construction (See table)

\*\*Special materials available upon request  
-For further information please consult Travaini Pumps USA.

REF:	JGJ/RR	Date	3/17/2015	Nº:	100638.000
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