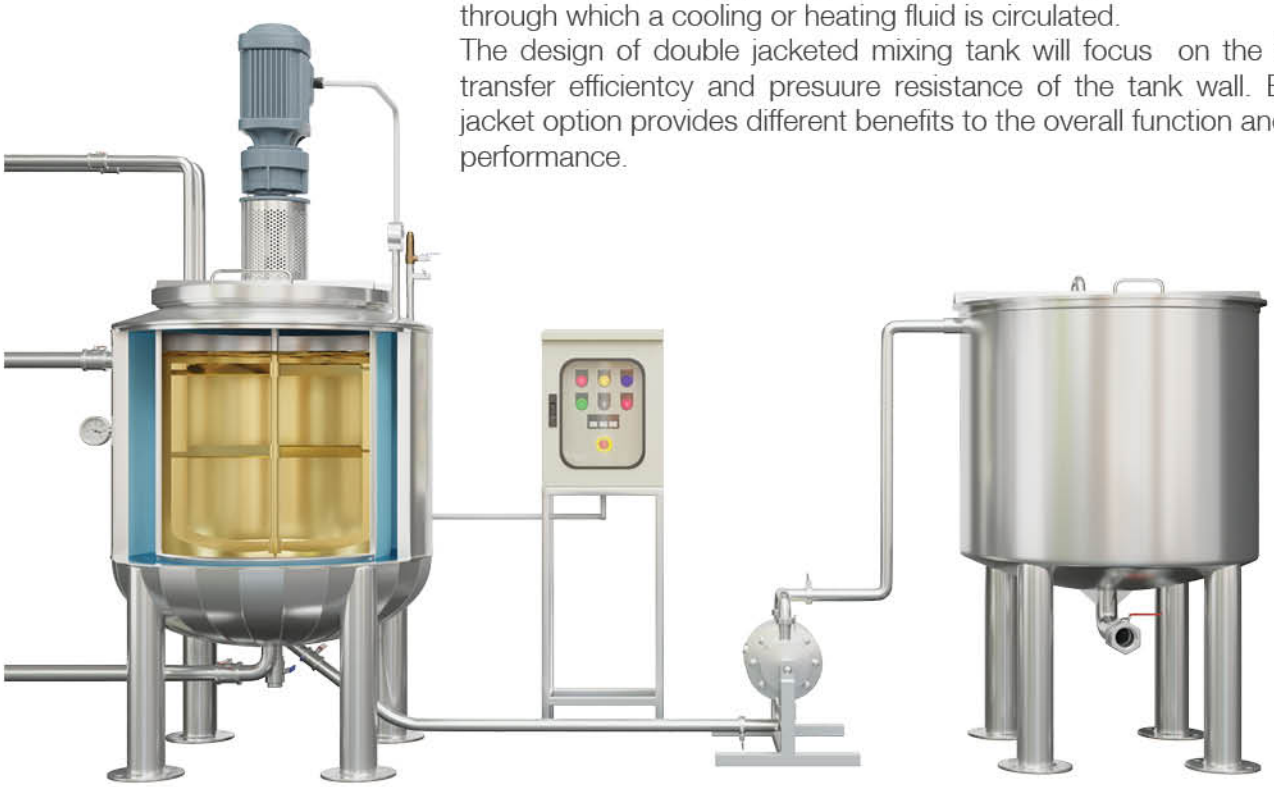
Double Jacketed Mixing Tanks

TIB-DJ50

A TIB double jacketed mixing tank is designed for controlling temperature of its contents, by using a cooling or heating around the vessel through which a cooling or heating fluid is circulated.
The design of double jacketed mixing tank will focus on the heat transfer efficientcy and presuure resistance of the tank wall. Each jacket option provides different benefits to the overall function and performance.



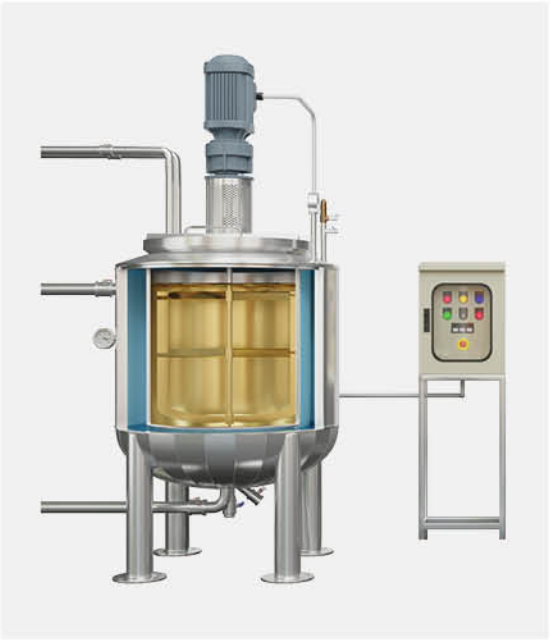
Tank Volume	
- Maximum Operating Volume	50 L
- Minimum Operating Volume	20 L
Dimension	
- Tank Diameter x High	430 x 450 mm.
- Outside Diameter Include Insulation Clading	690 mm.
- Total Height from floor to Motor Gear	1350 mm.
Agitator	
- Anchor Impeller	Yes
- Helical Motor Gear	0.5 kw
Temperature Limit	
- Maximum Operating Temperature	150 °C
- Maximum Heat Transfer Liquid Temperature	150 °C
Max. Operating Heat Transfer Liquid Pressure	3 Bar

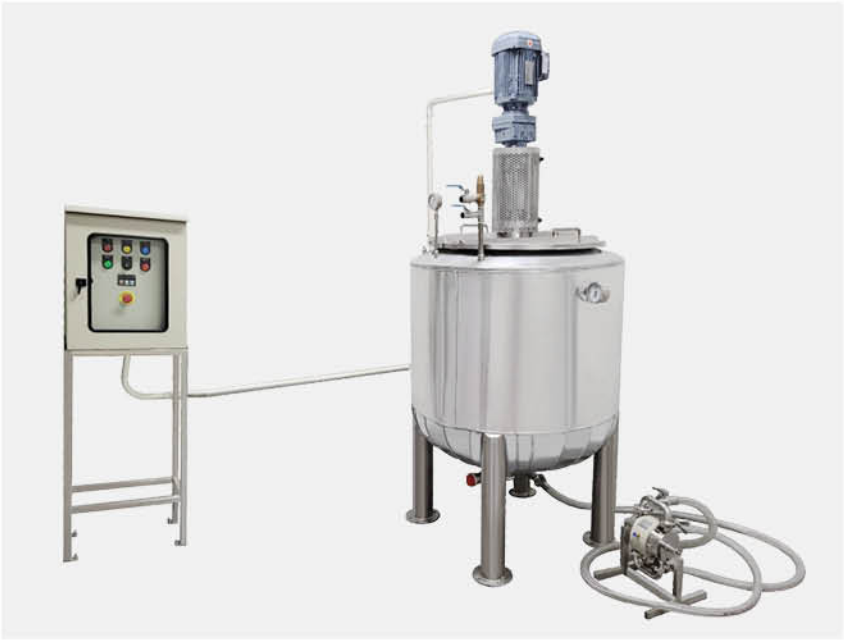
Thai Industrial Business Company Limited
Tel : +66 (0) 98 996 1504 (Hot Line), +66 (0) 2 102 0896 E-mail : sales@tib-group.com

www.tib-group.com

Design features and benefit

Cooling & Heating jacket mixing tank are used in many industries. Heat exchange surfaces can be designed either for heating or cooling. They can be used to remove the elevated heat of reaction or reducethe viscosity of high viscous fluids.





Valve and Instrument		
	Quantity (Pcs.)	Size
- Ball Valve Inlet	2	1”
- Ball Valve Outlet	1	1”
- Ball Valve Heat Transfer Liquid Inlet	1	1”
- Ball Valve Heat Transfer Liquid Outlet	1	1”
- Ball Valve Drain	1	1”
- Temperature Guage	1	Std.
- Pressure Guage	1	Std.
- Pressure Relief Valve	1	Std.
Electric Control Box		
Control Box with Digital Inverter	Yes	
VCT 4x2.5 sqm Wiring from Control Box to Motor Gear	10 m.	

Other equipment as required by the customer	
Diaphragm Pump and Air Pump	
Air Operated Double Diaphragm Pump	28 l/min (water) 8 Bar
Air Pump	1 Hp/ 92 Litre
Pipe Line	
TOYOK Spring Hose with Furrule Fitting Clamp	2 m.
Other pipe line service available upon request.	additional
Storage Tanks	
Storage Tanks SUS.304 Volume	100 L

Thai Industrial Business Company Limited
Tel : +66 (0) 98 996 1504 (Hot Line), +66 (0) 2 102 0896 E-mail : sales@tib-group.com