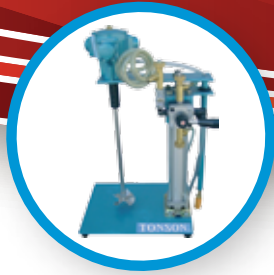


MIXERS TECHNOLOGY CENTRE

Air Mixers



SAMT

Specialised Air Motors and Transmission



TONSON®

HAND HELD AIR MIXER (5 Gallon)

SPECIAL

Different Funtional Blades Available Fixed & Hand Held

SPECIFICATION

Model	Power	Shaft Dimension	Blade
1V Vane Air Motor	1/2HP	Ø12mmX550mm	4"X1
1VA Vane Air Motor	1/3HP		
2V Vane Air Motor	1HP		
4V Vane Air Motor	1 1/2HP	Ø16mmX550mm	

Model	Power	Shaft Dimension	Blade
M1 Piston Air Motor	1/8HP	Ø12mmX550mm	4"X1
M2 Piston Air Motor	1/6HP		
M3 Piston Air Motor	1/4HP	Ø16mmX550mm	4"X1
M4 Piston Air Motor	1/3HP		
M5 Piston Air Motor	1/2HP		

Model	Power	Shaft Dimension	Blade
TS-AD 3-4	1/2HP	Ø12mmX550mm (Clip Size 1/4")	4"X1
TS-ED4	1/2HP		

ANGLE BUNG ENTRY AIR MIXER (50 Gallon/2" Bung - 200L)

TS-50T Piston Air Motor

TS-50T Vane Air Motor

Chromium-Plated Air Motor

Closed to enter drum or bulk tank, opens up with mixing rotation. Depends on the viscosity of materials to use 1 or 2 or 3 impellers.

Not in use **In use**

Apply to Hand Held Air Mixer **Apply to IBC Air Mixer**

SPECIFICATION

Model	Power	Shaft Dimension	Collapsible
M3	1/4HP	Ø12.7mmX840mm	6" X2
M4	1/3HP		6" X1 10" X1
M5	1/2HP		6" X2
M6	3/4HP	Ø16mmX880mm	10" X2
2V	1HP		6" X2
4V	1 1/2HP	Ø16mmX880mm	6" X1 10" X1
6V	4HP		10" X2
8V	5HP		

CUSTOM SMALL

C-CLAMP AIR MIXER (50 Gallon Open Drum - 200L)

When the atmospheric temperature is higher than the temperature of air motors, relative humidity effect occurs causing sweats on the surface of air motors. Thus, contamination shield is recommended.



TS-50R
Piston
Air Motor

TS-50R
Vane
Air Motor

TS-50-R-CS
with Contamination shield

CUSTOM



B C-Clamp for
small tanks



TS-50RL
with Reverse Control

F
Contamination shield available in different sizes

TS-50R SPECIFICATION

Type	Power	Shaft Dimension	Blade
M3	1/4HP	Ø 16mmX880mm	6" X1 8" X1
M4	1/3HP		
M5	1/2HP		8" X2
M6	3/4HP		
M7	1HP		
2V	1HP	Ø 16mmX880mm	6" X1 8" X1
4V	1 1/2HP	Ø 16mmX880mm	
6V	4HP	Ø 20mmX880mm	8" X2
8V	5HP		

C-Clamp mount portable air mixer is suitable for mixing large volumes of light and medium viscosity materials in open drum. Operating angles may be easily adjusted for the most efficient mixing position.

CROSS TANK MOUNT AIR MIXER (50 Gallon Open Drum - 200L)

An excellent cost effective solution for mixing and blending of light to medium viscosity materials. Mount bracket will securely fit on almost any steel drum. It can be easily moved from on tank to another.

TS-50C
Piston
Air Motor



TS-50C
Vane
Air Motor



TS-50C SPECIFICATION

Type	Power	Shaft Dimen.	Blade
M3	1/4HP	Ø 16mmX800mm	6" X1 8" X1
M4	1/3HP		
M5	1/2HP		8" X2
M6	3/4HP		
M7	1HP	Ø 20mmX800mm	8" X1 10" X1
2V	1HP		6" X2
4V	1 1/2HP	Ø 16mmX800mm	6" X1 8" X1
6V	4HP	Ø 20mmX800mm	8" X2
8V	5HP	Ø 25mmX800mm	

Optional: SUS Shafts & Blades

IBC TANK AIR MIXER



P IBC Bung Entry Air Mixer



P2 Vane Air Motor



Q IBC Cross Tank Mount Air Mixer
IBC Stand Air Mixer available (P40)

IBC TANK STAND AIR MIXER



M7-TU-IBC
Double Cylinders
Stand Air Mixer



Idea for IBC tanks or tanks over one ton. More stable with double cylinders.



R
Enlarge
Model for
Huge Drums

MOBILE STAND AIR MIXER (200L)



TU
Piston Stand Air Mixer

Maximum height is 970mm after air mixer raises.



1hp Piston Air Motor

Accommodates drum or tanks up to 960mm in diameter.



Vane Air Motor



with Reducer to increase Torque

TU Series air lift mixer is ruggedly constructed from C channel steel. Equipped with 4 sturdy casters (2 fixed and 2 swivel) for easy movability. One set of casters has brakes for securely locking the stand in place. Different Accessories may order:

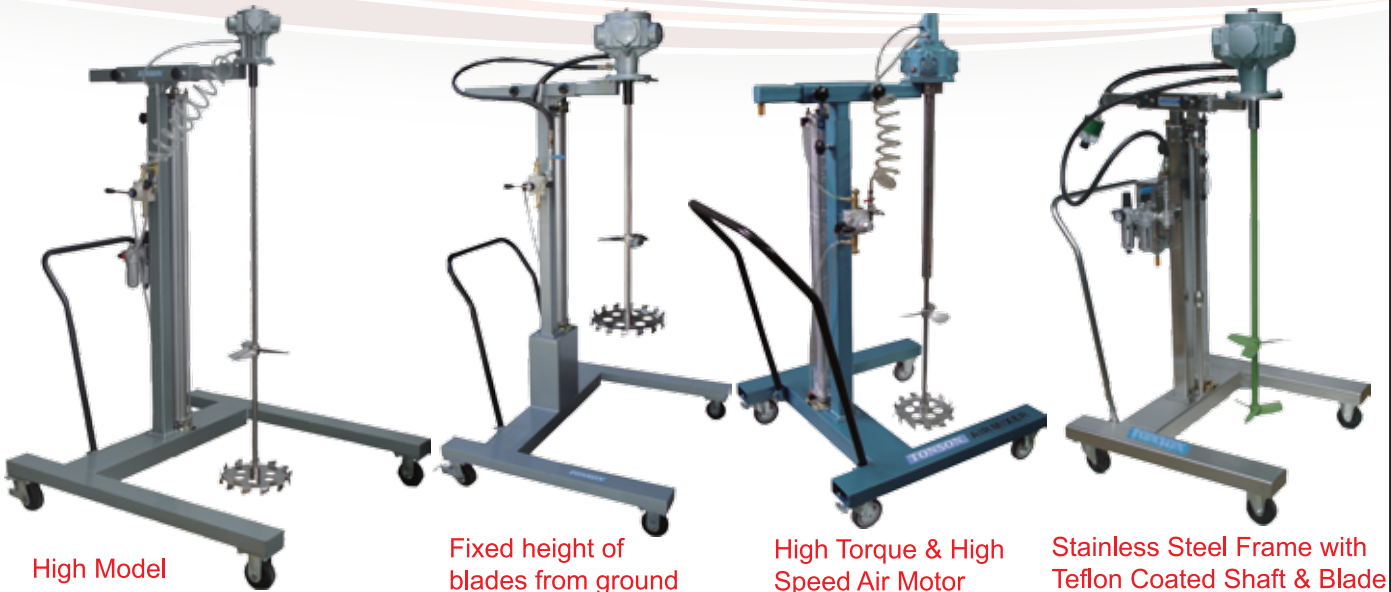


Contamination Shield

Drum Belt Support

Drum Side Clamps

Easy Handlebar



High Model

Fixed height of blades from ground

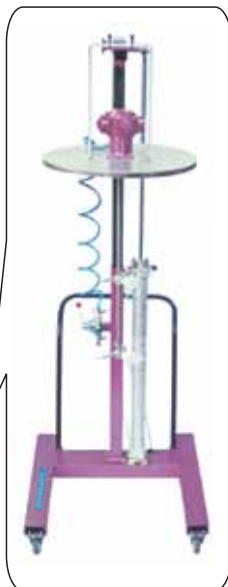
High Torque & High Speed Air Motor

Stainless Steel Frame with Teflon Coated Shaft & Blade

EQUIPPED WITH COVER AND PUMP (200L)



TU-C Equipped with Cover
No spilling, evaporating and contamination of material while mixing.



TU-CP Equipped with Cover and Pump





Vane Air Motor

with Special Blades

With Hermetical Cover and Pump

With 1hp Air Motor, Reducer and High Viscosity Pump



with 1hp Air Motor, Spring Cover & Shaft Stabler



with 1hp Air Motor, Flexible Cover & High Viscosity Blade



with Vane Air Motor, Reducer & High Viscosity Blade



O2 1hp Table Fixed Air Motor

AUTO LIFT



TU-AUTO Auto Air Lift Mixer

Auto lifting & lowering while mixing



TU-AUTO-R
Can adjust speed without changing torque

NEW
Stepless Speed Control



Stainless steel frame, shaft, and blade may order.



Stainless Steel Frame, Shaft, and Blade may order.



Equipped with Drum Cover & High Viscosity Blade

with Drum Fixer

Enlarge Model for Big Drums

Stainless Steel Enlarge Model

5 GALLONS (20L) AIR MIXER



TS-HA Piston Manual Lift Air Mixer



TS-HA Vane Manual Lift Air Mixer

Suitable for 5 gallons square or round tanks.



TB Piston Air Lift Mixer



TB Vane Air Lift Mixer



TB-1 Piston Mobile Air Lift Mixer



TB-1 Vane Mobile Air Lift Mixer



K1 U Shape Base Mobile Air Lift Mixer



K U Shape Base Large power Mixer

FOUR LEGS STAND



TS-5A Piston
Four Legs Stand Air Mixer



TS-5A Vane
Four Legs Stand Air Mixer



Enlarge Model
with Drum Fixer

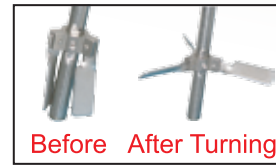


w/ Reducer

EXTENDABLE



TS-5T Piston
Extendable Air Mixer



Before After Turning

Blades extend by centrifugal force when operating and retracts when stopped.



U-Shape Base High
Model Extendable
Air Mixer

LABORATORY AIR MIXER



TS-FL Piston Air Motor
for 1 gallon circular tank



TS-FL Vane Air Motor
for 1 gallon circular tank



TS-FL-1
Piston Air Motor
with Tank Fixer



TS-FL-1
Vane Air Motor
with Tank Fixer



TS-FL-1-FRL
Piston Air Motor with
Tank Fixer & FRL



TS-FL-1-FRL
Vane Air Motor with
Tank Fixer & FRL



TS-LAU
Piston Air Motor
with Cylinder Lift
Easy Operation



Piston or Vane Air Motor,
Stainless Steel Frame,
and C Channel Steel
Base may order

SPECIFICATION (1 gallon Air Mixer)

Model	Power	Shaft Dim.	Blade
Piston	0.1HP	Ø12X250mm	2 ³ / ₄ "X1
Vane	1/3HP		
A Vane	1/2HP		
Vane	0.93HP		
Vane	1 ¹ / ₂ HP		
Optional: Stainless Steel Shafts & Blades			

OPTIONAL ACCESSORIES



Silencer

Press Guage

F.R.L.

TS-C Clip 13mm-15mm

Quickly change Shafts & Blades

60L-100L AIR MIXER



TS-LHA 60kg Manual Lift Air Mixer



TB-L 60kg Air Lift Air Mixer



STU U Shape Base Mobile Air Lift Mixer



TS-UHA-SUS Stainless Steel Frame U Shape Base Manual Lift Air Mixer

SPECIFICATION (20L-100L Air Mixer)

Model	Power	Air Lift	Manual Lift	Extendable	Four Legs	Blade
M1Piston	1/8HP	Ø12mmX520mm	Ø12mmX550mm	Ø16mmX520mm	Ø12mmX420mm	6" X1
M2Piston	1/6HP			Ø16mmX520mm		
M3Piston	1/4HP	Ø16mmX520mm	Ø16mmX550mm	Ø16mmX520mm	Ø16mmX420mm	
M4Piston	1/3HP			Ø16mmX520mm		
M5Piston	1/2HP	Ø12mmX520mm	Ø12mmX550mm	Ø16mmX520mm	Ø12mmX420mm	6" X1
2V Vane	0.93HP	Ø12mmX520mm	Ø12mmX550mm	Ø16mmX520mm	Ø12mmX420mm	6" X1
4V Vane	1.71HP	Ø16 X520	Ø16 X550	Ø16 X520mm	Ø16 X420	6" X1

20L-100L CUSTOM AIR MIXER

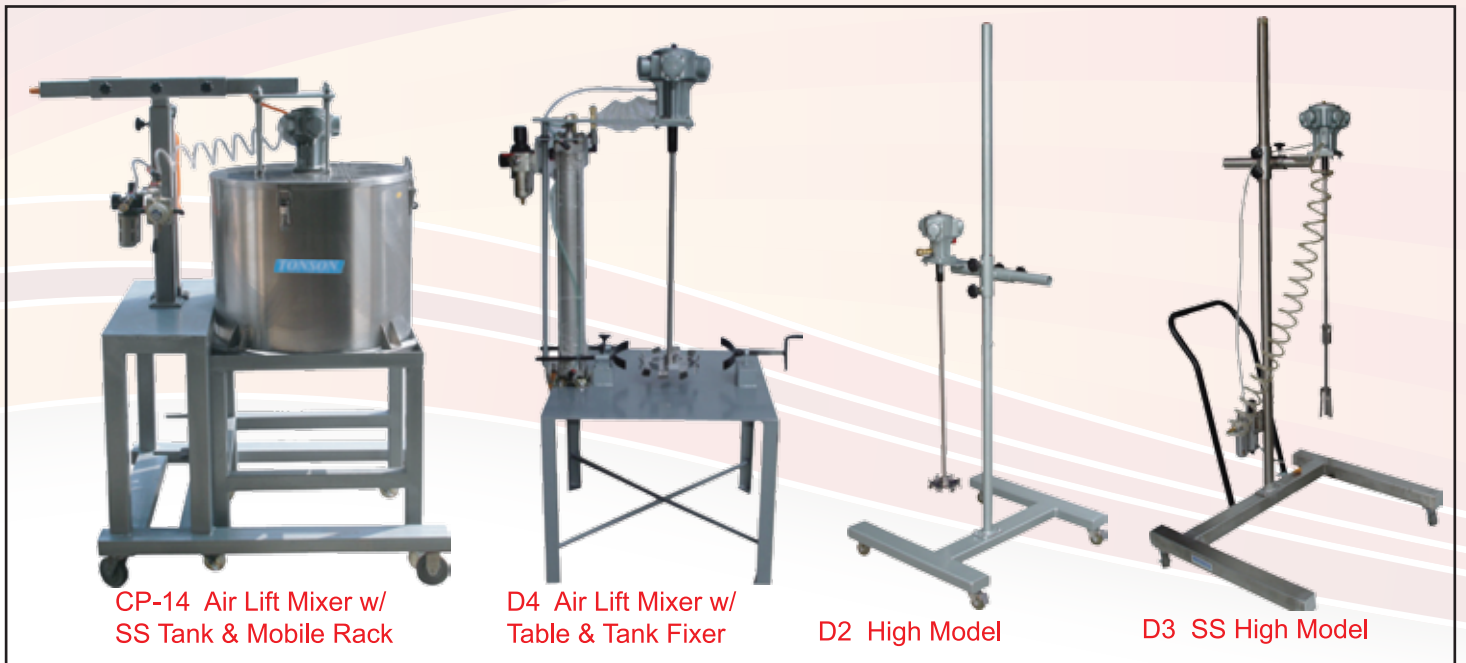


D1 SS Air Lift Vane Air Mixer with F.R.L.

D SS Air Lift Air Mixer w/ F.R.L. & Tank Fixer

TS-FH-1 with Tank Fixer

Stainless Steel Frame in all models may be ordered



CUSTOMISED AIR MIXERS

CUSTOM: CROSS TANK MOUNT AIR MIXER



LARGE-SCALE CROSS TANK MOUNT



S1



S2



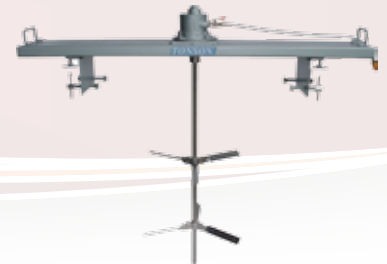
S with High Viscosity Blade



S3 with 1hp Piston Air Motor



S4 with Collapsible Blades



S5 with High Speed Vane Air motor

CUSTOM AIR MIXER WITH COVER



F1 Air Mixer with 3/4hp Air Motor & Big Tank



F2 Vane Air Mixer with Airtight Cover



F3 1hp High Powered Air Mixer with SUS Tank & Dual-Opened Cover

SPECIAL AIR MIXER

Large spiral-shaped blade mixes paints, resins, urethanes and epoxies efficiently. Particularly effective for semiconductor manufacturing process and mixing higher viscosity fluids. Stainless steel models are water base compatible. Teflon coating available for strong acid/alkali resistance.



H Dual-Position Air Mixer



G Plastic Cross Tank Mount Mixer



Special mixers for various plastic tanks may order



N Emulsify



HM Helix

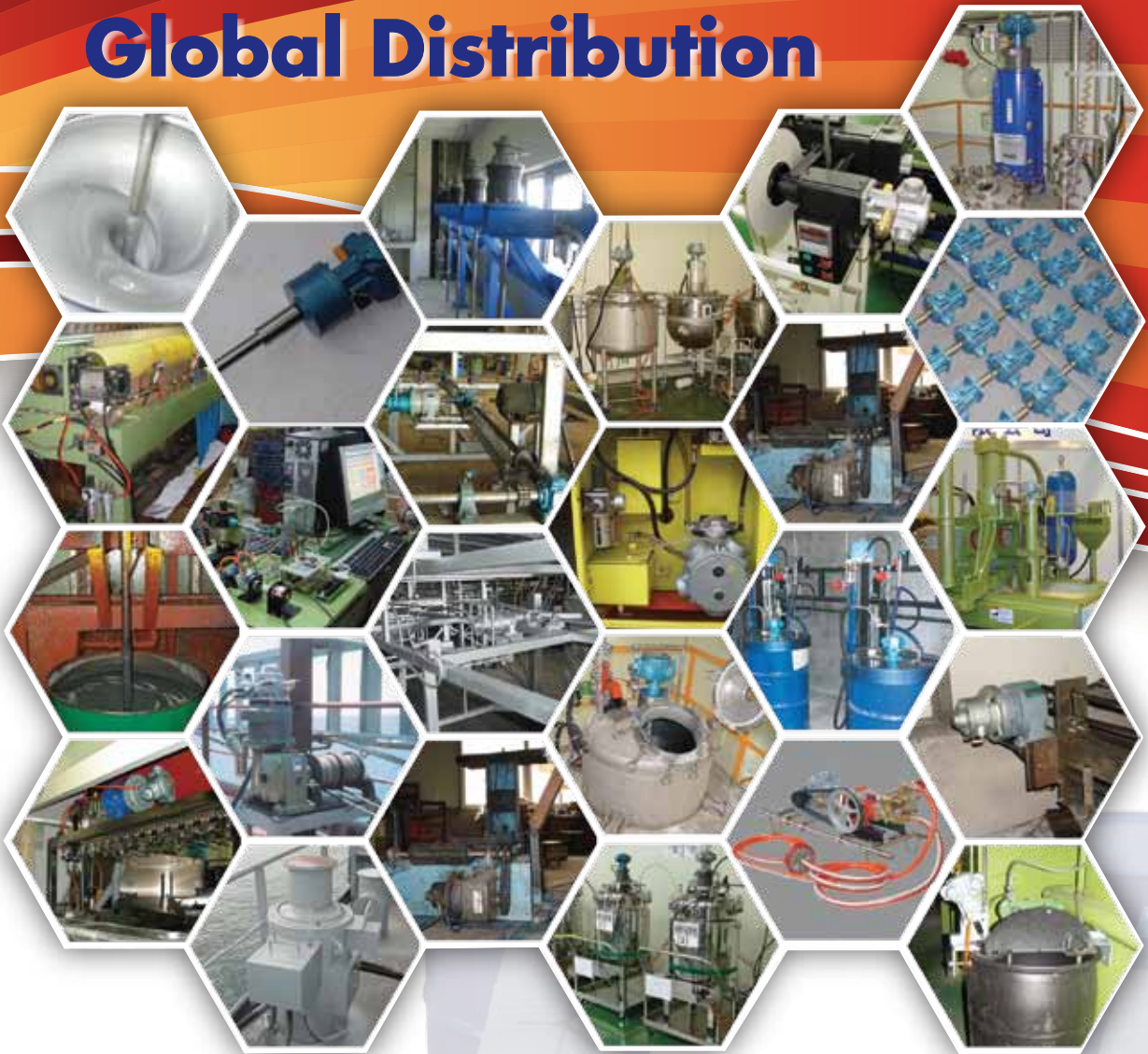


N1 with Rings



N2 with Reducer Shaft Stabler

Global Distribution



Contact Us

Head Office Australia

Address:

TONSON AUSTRALIA
Factory 19, 5 Lyn Parade
Prestons NSW 2170
Australia

Phone:

(02) 9607 4100

Fax:

(02) 9607 4200

Email:

sales@tonson-motor.com.au

Website:

www.tonson-motor.com.au

