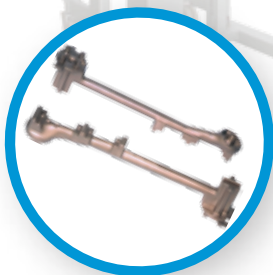


# Drum Handling & Deheaders



# SAMT

Specialised Air Motors and Transmission



# TONSON®

# About TONSON AUSTRALIA

TONSON AUSTRALIA is a Specialised Air Motors & Transmission Company; an innovative manufacturer and supplier Of Explosion proof Products to Industries including Mining, oil & Gas, Chemicals & Paints , food & Beverage, paper & Plastic, Pharmaceutical, Manufacturing & Power Transmission. Our products meet CE standards ISO9001 & ISO9002.

At TONSON Australia (SAMT) we continue to develop new products for better working efficiency at competitive prices. We Manufacture wide range of industrial equipment and hold several international patents.

## *"Efficient & Reliable Global Brand"*

TONSON Australia (SAMT) products include a complete range of Air Motors, Air Mixers, Drum Air Mixers, Air Fans, Pressure Tank, Drum Handling equipment, Air Diaphragm Pump, and Spray Guns for use in all major industries. Patented products are registered in countries including USA, Taiwan and China; including 100% Explosion-proof radial piston air motor, 100% Explosion-proof air fan, Reversible Air Motor Control & Bung entry mixer. Unlike other conventional products, our products mainly utilise air instead of electricity as the source of power; thus, it eliminates the chance of electricity shock and fire which are the most crucial factors for industries involved in chemical, flammable or volatile contents. TONSON Air Motors, Air Mixers, and Air Fans are engineered to meet the highest standard featuring 100% Explosion-proof, low air consumption, light weight, high torque, reversible stepless speed control, easy maintenance, and various mounting method. It may also be applied in harsh working condition such as humid, high temperature and volatile. Engineering safety factor and material selection are taken into account seriously upon design and manufacturing to produce the most safe and reliable equipment.

## *"Innovation & Quality, that's the key to our success"*

At TONSON Australia we continually strive to offer our customer complete drive solutions and therefore we have partnered with Global brands in Power Transmission and Gearbox drives, providing complete drive solutions; Specialising in Industrial Gearboxes, Explosion proof electric AC & DC Motors & All power Transmission components such as Fluid Couplings, Brakes & Clutches, Gear and Tyre Couplings, Chain and Belt power transmission drives. We also provide solutions to meet your customised requirements, Including full engineering & AUTOCAD service and assistance with design, selection and site installation.

We can also customise any product to suit your specific requirements and will investigate the possibilities of developing new products to satisfy your special specifications.



## *"Innovative Ideas, Exclusive Technologies since 1966"*

This Brochure has been dedicated to our extensive range of Explosion Proof Piston Air Motors, We have the biggest range of air motors in Australia., we can also customise any air motor to suit your requirements. For all other products please refer to their dedicated brochure.

Contact Us

Ph.: +61 (02) 9607 4100 & Fax: +61 (02) 9607 4200



# DRUM DEHEADER



## SPECIFICATION

Model	NS-200-S	NS-200-H	NS-200	NS-200-X
Body Material	Steel	Non Ferrous Alloys	Steel	Non Ferrous Alloys
Blade Material	Hardened Steel		Non Ferrous Alloys	
Mass(kg)	3	3	3	3
Length(cm)	47	50	47	50

Re-placed Blades				
	Model	P13-NS200S	P13-NS200H	P13-NS200
Material	Hardened Steel		Non Ferrous Alloys	
Mass	0.2 kg	0.2 kg	0.3 kg	0.3 kg



About 28 cuts to top off the drum

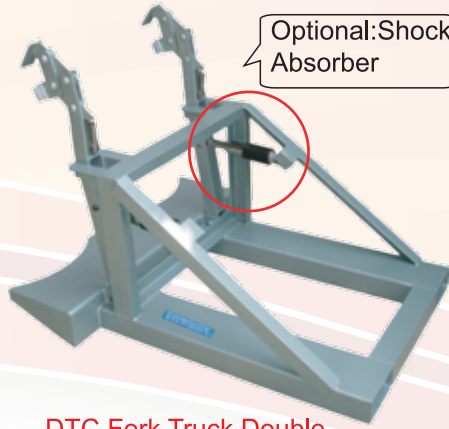
## STAINLESS STEEL DRUM



## DRUM LIFTER



STC Fork Truck Single Drum Lifter



DTC Fork Truck Double Drum Lifter

Optional: Shock Absorber

To work with the fork truck for moving 50 gallon drums quickly & safely.



## DRUM LIFTER



F8 Drum Lifter (100L)

Idea for both metal and plastic drums



F8 Drum Lifter (50 Gallons)



An Inexpensive alternative to mechanical drum lifters



F10 Drum Lifter



Operate with TONSON Air Hoist to increase working efficiency

## DRUM CARRIER



F11 Multi-Function Drum Truck



F12 Drum Carrier



F16 Magic Drum Carrier



F28 Multi-Function Carrier



U2 Drum Truck

## F12 Drum Carrier Manual

- ★ Max. Load: 250kg or drums with 24" diameter.
- ★ Can carry various materials in different shaps.
- ★ Leverage design make F12 easy to use.



## F16 Magic Drum Carrier Operation Instruction

- Lift, move, tilt, agitate, and drain heavy drums! Innovative static and dynamic design with safety features to handle heavy drums easily.
- Lift the drum easily according to leverage principle (pulling down the handle to raise the drum 12-29cm above the earth)



- Can tilt and fix the tank body in diverse angle.
- 360° rotation makes the materials mix uniformity
- secured the extra strength cinch chain to the front of the drum with the improved ratchet tightener. No tools are needed

## F28 Multi-Function Drum Carrier Operation Instruction

- ★ Four 20cm wheels with roller bearing roll efficiently, track straight, steer easily.
- ★ U-shaped handles keep knuckles inside protecting from harms.
- ★ Extra handle length gives more leverage while loading and moving heavy drums.
- ★ Frame shape provides convenient dispensing position.
- ★ Freely-hoist-and-contract hook can easily set up the supporting point.

- Max. Load: 454kg (1000lb)  
Users should be responsible for safety if solvent is dangerous in the drum.



- Top prongs are in accordance with human mechanics, angle accurate and precise.
- Can pass the aisle easily.
- can be oblique, and operated by one person
- can carry 50 gallons drums, wood trunks, paper trunks and skeps.
- can climb up one stage.



# AIR DRUM LIFTER/ROLLER

**AUTO** 



**TH-200**  
Pneumatic Drum Lifter/Roller

200L Drum Use

The Max Height of Lifting may order

## SEMI-AUTO

## MANUAL



**TH-200A**  
Pneumatic Lifter  
(Manual Roller)

Air Lifting,  
Quick & Safe

Economical  
Hand-operated  
Rolling

Hydraulic  
Pressure  
Lifting



**TH-200H**  
Pedal Lifter  
Manual Roller



TONSON Pneumatic Drum Lifter/Roller use Air Motor to operate, Easy, Safe, Time-Saving, and Explosion-proof

### TH-200 SPECIFICATION

Rated Load	<350 kg
Pressure	5-9bar
Height after Lift	Up 1150 mm
Height after Lift	Flat 1300 mm
Air Pipe Size	3/4"
Dimension mm	1250*950*2100
Mass	220 kg

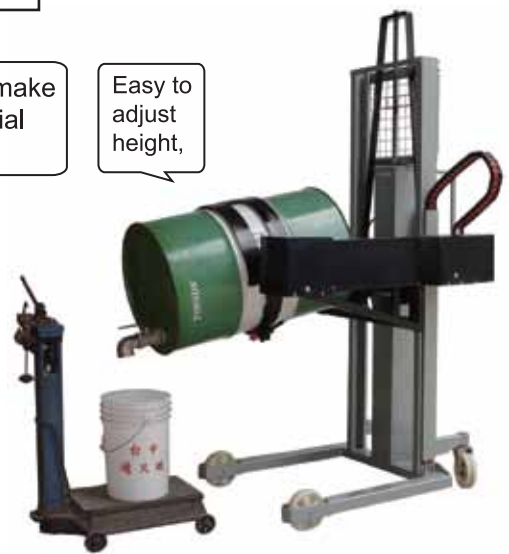
Optional:  
Scale



360° rotation make  
the raw material  
well-mixed.

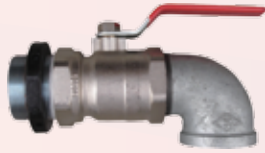


Easy to  
adjust  
height,

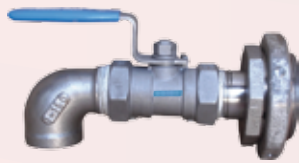


# DRUM ACCESSORIES

## VALVE



T-BV Ball Valve  
SUS



T-BV Ball Valve  
Cast Iron



T-BO 2"  
2" Gate Valve



T-CV 2"  
2" Gate Valve  
High Viscosity  
Material:  
Stainless Steel  
Cast Iron



Lockable



### SPECIFICATION

Model	T-BV	T-BV	T-BO	T-CV	T-CV
Material	SS	Cast Iron	Cast Iron	SS	Cast Iron
Outlet	1", 1 1/4", 1 1/2", 2"		2"	2"	2"
Mass(kg)	1.4	2	3	2.5	2.5
Length(cm)	22	22	22	28	28

## DOLLEY



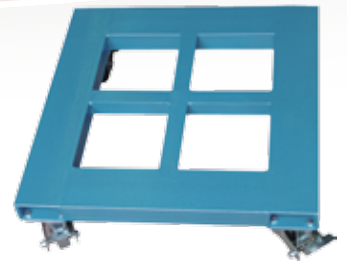
DD-1 Dolley (50 Gallons)  
DD-2 Dolley (25 Gallons)



DC-1 Dolley (50 Gallons)  
DC-2 Dolley (25 Gallons)



DC is superimposable



Any Pattern of Dolley may  
order from TONSON

## DRUM TILTER



T-5D  
20L Can Tilter

### SPEC

	T-5D
L	49cm
W	53cm
H	52cm
Ground to Bung 46cm	

### CUSTOM



For Drum  
with Lock



High



100L  
High



T-FV-1  
200L Drum Tilter



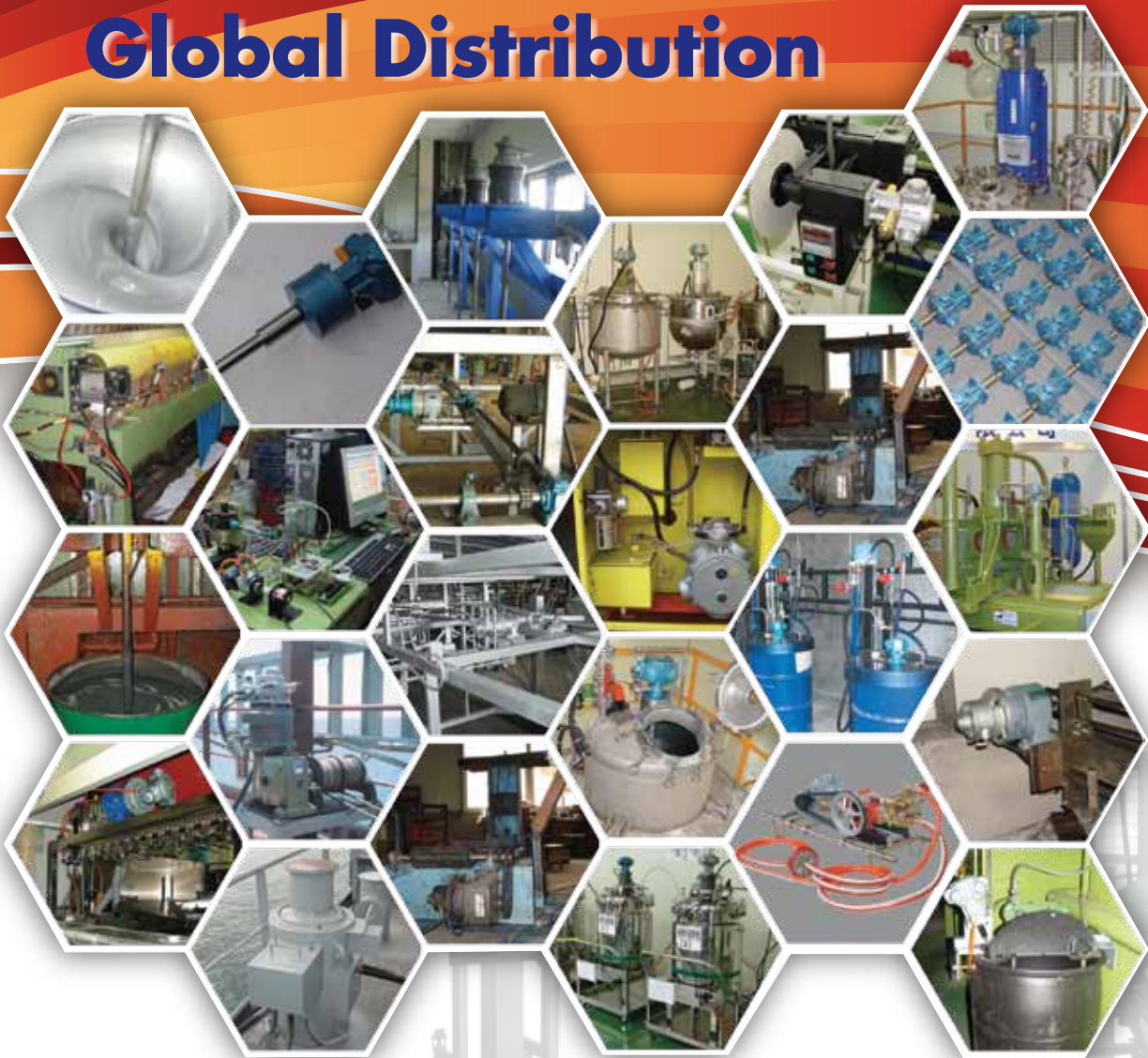
T-FV  
200L Drum Tilter



Wrok together with  
TONSON Valves to  
control fluid flow  
(refer to P30)

	T-FV	T-FV-1
L	83cm	123cm
W	50cm	50cm
H	56cm	56cm
Mass	12kg	12.5kg
Bung to Ground 46cm		

# Global Distribution



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