

CE

Pneumatic Agitators for
Paint, Sealants, and Adhesive.

ROTARY AIR MOTORS BROCHURE

 **Painttechnik**



EXPERIENCE • QUALITY • CARE



AGITATOR SERIES

Painttechnik Agitators guarantee painting quality by thoroughly mixing and better particle dispersion in your mix tank or throughout the whole painting system.

1. CHOOSE YOUR AIR MOTOR

AM0701

AM0706

AM0705

AM0707



Vane-type air motor with power 0.9 HP and produces up to 3.0 N/m.

Vane-type air motor with power 1.7 HP and produces up to 6.3 N/m.

Three-Piston Radial air motor with power 1/8 HP and produces up to 1.3 N/m.

Five-Piston Radial air motor with power 1/2 HP and produces up to 7.0 N/m.

2. CHOOSE YOUR MOUNTING WAY

Mounting Type	Mounting Method	Tank Size (liter)					Box	Shaft Material
		10	20	40	60	200		
Portable Type	Clamp-mounted (CM)	•	•	•	•	•	•	Carbon Steel (C\$) or Stainless Steel (SUS)
	U-shape cover (UC)		•			•		
	Square-shape cover (SC)		•					
	Round-shape cover (RC)		•					
	Bung-mounted (BM)		•	•	•	•	•	
Station Type	Manual lift stand (ML)		•					
	Fixed drum with manual lift stand (FD)	•						
	Air-lift stand (AL)		•					
	Air-lift stand with plate (AP)		•					

ORDERING INFORMATION

► 3. CHOOSE YOUR PROPELLER TYPE



Propeller Type	Propeller Size						
	Aluminium (EA)		Platic Steel (EP)		Stainless Steel (EX)		
	10 cm (20L)	17 cm (200L)	10 cm (20L)	17 cm (200L)	6"10cm (20L)	6"17cm	10"17cm (200L)
Fan-type	•	•	•				
Expandable					•	•	•

Propeller Type	Propeller Size				
	10 cm (20L)	14cm	17 cm (200L)	20cm	25cm
Three-blade (SUS304)	•		•		
Three-blade (SUS316)	•		•		
Gear-SUS (G)	•	•	•	•	•

► 4. OPTIONAL-CHOOSE YOUR GEAR BOX TYPE

Your designed agitator can be upgraded its performance by installing a gear box for more powerful agitator to handle higher viscosity fluids.

Mounting Method	Gear Box Ratio			
	3:1	5:1	10:1	20:1
Portable				
Screw Driven	•	•	•	•

ORDERING EXAMPLE

Agitator equipped with 1/18-HP Three-piston type air motor; mounting type is manual lift stand station type for 200-liter tank size with stainless steel shaft and gear propeller complete with gear box 3:1.



Model Name: M0705 - ML - SUS200 - G17 - GB3

AGITATOR MOUNTING VARIATIONS

▶ STATION TYPE



▶ **MANUAL LIFT STAND**

Mixing station with adjustable lifting stand to fit to your drum size variety.



▶ **PORTABLE MOUNT, AIR LIFT STAND**

Fluid mixing station with air-control lifting stand and allows high mobility application.



▶ **PLATE MOUNT, AIR STAND**

Mixing station with air-control lifting stand to fit to your drum size variety.



▶ **FIXED DRUM MOUNT WITH MANUAL-LIFT STAND**

Fluid mixing station with adjustable lifting stand and fixed drum feature for stability during the mixing process.



▶ **PORTABLE MOUNT, AIR LIFT STAND WITH CONTROL BOX**

Equipped with control box to set mixing duration for automatic mixing.

► PORTABLE TYPE



► CLAMP-MOUNTED

Portable agitator set that allows to be clamped to the side of the drum.



► BUNG-MOUNTED

Portable agitator set with screw driven clamp to be mounted to the open head drum.



► ROUND-SHAPE PAILS COVER

Portable agitator set installed to round-shape drum cap.



COMPACT SERIES

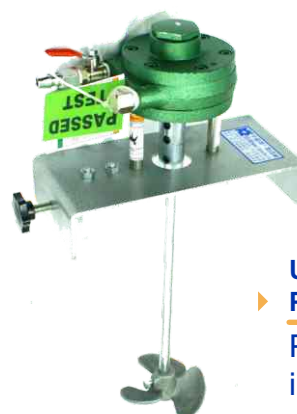
Portable agitator and transfer pump set to be mounted on open drum.

MADE FOR CUSTOM SIZE DRUM



► U-SHAPE PAILS COVER

Portable agitator installed to adjustable drum cap.



► U-SHAPE PAILS COVER

Portable agitator installed to adjustable drum cap.



► SQUARE-SHAPE PAILS COVER

Portable agitator set installed to square-shape drum cap.

ROTARY AIR MOTOR

Air Motor
Model

Mounting
Method

Shaft
Type

Propeller
Type

Optional:
Gear Box



AM0701

Type	Max Output Power	Max Torque	Max Speed	Max Air Consumption	Weight
Vane type	0.9 HP	3.0 N/m	3000 RPM	750 L/min (6 Bar, 3000 RPM)	2.61 kg



AM0706

Type	Max Output Power	Max Torque	Max Speed	Max Air Consumption	Weight
Vane type	1.7 HP	6.3 N/m	3000 RPM	1800 L/min (6 Bar, 3000 RPM)	3.33 kg



AM0705

Type	Max Output Power	Max Torque	Max Speed	Max Air Consumption	Weight
Three Piston Type	1/8 HP	1.3 N/m	2500 RPM	270 L/min (6 Bar, 1750 RPM)	2 kg



AM0707

Type	Max Output Power	Max Torque	Max Speed	Max Air Consumption	Weight
Five Piston Type	1/2 HP	7.0 N/m	1700 RPM	600 L/min (6 Bar, 1000 RPM)	5 kg

CLAMP & BUNG MOUNTED



CLAMP-MOUNTED

Clamp mounts agitator directly to the pail or drum.



BUNG-MOUNTED

Mounts directly to drum bung.



Order Ref No.	Air Motor Model	Mounting Type	Shaft Type	Propeller Type	Tank Size
M0705-CM-CS20-EA10	AM0705	Clamp	Carbon	Three-blade, Aluminium	20L
M0705-BM-CS20-EA10		Bung			
M0705-CM-SUS20-G10	AM0705	Clamp	Stainless	Gear, Stainless steel	20L
M0705-BM-SUS20-G10		Bung			
M0705-CM-CS20-G10	AM0705	Clamp	Carbon	Gear, Stainless steel	20L
M0705-BM-SUS20-G10		Bung			
M0705-CM-CS200-EA17	AM0705	Clamp	Carbon	Three-blade, Aluminium	200L
M0705-BM-CS200-EA17		Bung			
M0705-CM-SUS200-G17	AM0705	Clamp	Stainless	Gear, Stainless steel	200L
M0705-BM-SUS200-G17		Bung			
M0705-CM-CS200-G17	AM0705	Clamp	Carbon	Gear, Stainless steel	200L
M0705-BM-CS200-G17		Bung			
M0707-CM-CS20-EA10	AM0707	Clamp	Carbon	Three-blade, Aluminium	20L
M0707-BM-CS20-EA10		Bung			
M0707-CM-SUS20-G10	AM0707	Clamp	Stainless	Gear, Stainless steel	20L
M0707-BM-SUS20-G10		Bung			
M0707-CM-CS20-G10	AM0707	Clamp	Carbon	Gear, Stainless steel	20L
M0707-BM-CS20-G10		Bung			
M0707-CM-CS200-EA17	AM0707	Clamp	Carbon	Three-blade, Aluminium	200L
M0707-BM-CS200-EA17		Bung			
M0707-CM-SUS200-G17	AM0707	Clamp	Stainless	Gear, Stainless steel	200L
M0707-BM-SUS200-G17		Bung			
M0707-CM-CS200-G17	AM0707	Clamp	Carbon	Gear, Stainless steel	200L
M0707-BM-CS200-G17		Bung			

PAILS COVER AGITATOR



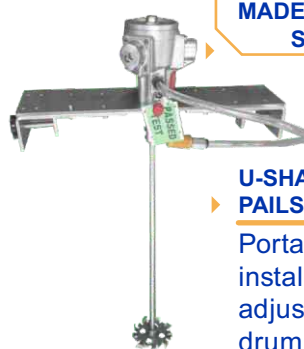
U-SHAPE COVER

- ▶ Agitator mounts directly to the pails or drum cover.
- ▶ Lift handles for easy moving and color changes.



U-SHAPE PAILS COVER

Portable agitator installed to adjustable drum cap.



MADE FOR CUSTOM SIZE DRUM

U-SHAPE PAILS COVER

Portable agitator installed to adjustable drum cap.

Air Motor Model	Mounting Method		Shaft Type (Material & Length)		Propeller Type (Material & Size)		Optional: Gear Box Ratio	
0701	UC	U-shape	SUS10	Stainless Steel - 10L	EA10	Fan-type, aluminium, 10 cm	GB3	Gear box, 3:1
0705			SUS20	Stainless Steel - 20L	EA17	Three-blade, aluminium, 17 cm	GB5	Gear box, 5:1
0706			SUS40	Stainless Steel - 40L	EP10	Fan-type, plastic, 10 cm	GB10	Gear box, 10:1
0707			SUS60	Stainless Steel - 60L	EX6S10	Expandable, SUS, 6" 10 cm	GB20	Gear box, 20:1
			SUS200	Stainless Steel - 200L	EX6S17	Expandable, SUS, 6" 17 cm		
			CS20	Carbon Steel - 20L	EX10S17	Expandable, SUS, 10" 17 cm		
			CS200	Carbon Steel - 200L	ES325	Two-blade, SUS, 32.5 cm		
					ES425	Two-blade, SUS, 42.5 cm		
					G10	Gear, SUS, 10 cm		
					G14	Gear, SUS, 14 cm		
					G17	Gear, SUS, 17 cm		
					G20	Gear, SUS, 20 cm		
					G25	Gear, SUS, 25 cm		

* Notes:
Custom u-shape cover sizes available upon request.

ORDERING INFORMATION

Order Ref No.	Air Motor Model	Shaft Type	Propeller Type	Tank Size
M0705-UC-CS20-EA10	AM0705	Carbon Steel	Three-blade, Aluminium	20L
M0705-UC-CS20-G10	AM0705	Carbon Steel	Gear, Stainless steel	20L
M0705-UC-SUS20-G10	AM0705	Stainless Steel	Gear, Stainless steel	20L
M0705-UC-CS200-EA17	AM0705	Carbon Steel	Three-blade, Aluminium	200L
M0705-UC-CS200-G17	AM0705	Carbon Steel	Gear, Stainless steel	200L
M0705-UC-SUS200-G17	AM0705	Stainless Steel	Gear, Stainless steel	200L

PAILS COVER

- ▶ Agitator mounts directly to the pails or drum cover.
- ▶ Lift handles for easy moving and color changes.



ROUND-SHAPE PAILS COVER

Portable agitator set installed to round-shape drum cap.



SQUARE-SHAPE PAILS COVER

Portable agitator set installed to square-shape drum cap.

Air Motor Model	Mounting Method		Shaft Type (Material & Length)		Propeller Type (Material & Size)		Optional: Gear Box Ratio	
0701	SC	Square-shape	SUS20	Stainless Steel - 20L	EA10	Fan-type, aluminium, 10 cm	GB3	Gear box, 3:1
0705	RC	Round-shape	CS20	Carbon Steel - 20L	EA17	Three-blade, aluminium, 17 cm	GB5	Gear box, 5:1
0706					EP10	Fan-type, plastic, 10 cm	GB10	Gear box, 10:1
0707					EX6S10	Expandable, SUS, 6" 10 cm	GB20	Gear box, 20:1
					EX6S17	Expandable, SUS, 6" 17 cm		
					EX10S17	Expandable, SUS, 10" 17 cm		
					ES325	Two-blade, SUS, 32.5 cm		
					ES425	Two-blade, SUS, 42.5 cm		
					G10	Gear, SUS, 10 cm		
					G14	Gear, SUS, 14 cm		
					G17	Gear, SUS, 17 cm		
					G20	Gear, SUS, 20 cm		
					G25	Gear, SUS, 25 cm		

* Notes:
For round-shape and square-shape cover is only available for **20 liter** drum size.

ORDERING INFORMATION

Order Ref No.	Air Motor Model	Mounting Type	Shaft Type	Propeller Type	Tank Size
M0705-SC-CS20-EA10	AM0705	Square-shape	Carbon Steel	Three-blade, Aluminium	20L
M0705-SC-CS20-G10	AM0705	Square-shape	Carbon Steel	Gear, Stainless steel	20L
M0705-SC-SUS20-G10	AM0705	Square-shape	Stainless Steel	Gear, Stainless steel	20L
M0705-RC-CS20-EA10	AM0705	Round-shape	Carbon Steel	Three-blade, Aluminium	20L
M0705-RC-CS20-G10	AM0705	Round-shape	Carbon Steel	Gear, Stainless steel	20L
M0705-RC-SUS20-G10	AM0705	Round-shape	Stainless Steel	Gear, Stainless steel	20L

MANUAL LIFT AGITATOR

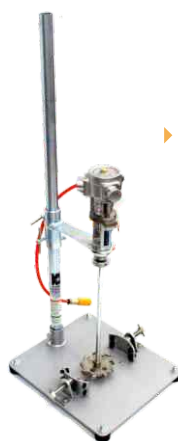


- ▶ Safely and easily raise and lower the agitator.
- ▶ Stable mixing process with the fixed-drum mounted.



MANUAL LIFT STAND

Mixing station with adjustable lifting stand to fit to your drum size variety.



FIXED DRUM MOUNT WITH MANUAL-LIFT STAND

Fluid mixing station with adjustable lifting stand and fixed drum feature for stability during the mixing process.

Air Motor Model	Mounting Method		Shaft Type (Material & Length)		Propeller Type (Material & Size)		Optional: Gear Box Ratio	
0701	SC	Square-shape	SUS10	Stainless Steel - 10L	EA10	Fan-type, aluminium, 10 cm	GB3	Gear box, 3:1
0705	RC	Round-shape	SUS20	Stainless Steel - 20L	EA17	Three-blade, aluminium, 17 cm	GB5	Gear box, 5:1
0706			CS10	Carbon Steel - 10L	EP10	Fan-type, plastic, 10 cm	GB10	Gear box, 10:1
0707			CS20	Carbon Steel - 20L	EX6S10	Expandable, SUS, 6" 10 cm	GB20	Gear box, 20:1
					EX6S17	Expandable, SUS, 6" 17 cm		
					EX10S17	Expandable, SUS, 10" 17 cm		
					ES325	Two-blade, SUS, 32.5 cm		
					ES425	Two-blade, SUS, 42.5 cm		
					G10	Gear, SUS, 10 cm		
					G14	Gear, SUS, 14 cm		
					G17	Gear, SUS, 17 cm		
					G20	Gear, SUS, 20 cm		
					G25	Gear, SUS, 25 cm		

* Notes:
 • Available for **10-liter** and **20-liter** drum size.
 • For other drum size please contact us.

ORDERING INFORMATION

Order Ref No.	Air Motor Model	Mounting Type	Shaft Type	Propeller Type	Tank Size
M0705-ML-CS20-EA10	AM0705	Manual-lift	Carbon Steel	Three-blade, Aluminium	20L
M0705-ML-SUS20-G10	AM0705	Manual-lift	Stainless Steel	Gear, Stainless steel	20L
M0705-ML-CS20-G10	AM0705	Manual-lift	Carbon Steel	Gear, Stainless steel	20L
M0707-ML-CS20-EA10	AM0707	Manual-lift	Carbon Steel	Three-blade, Aluminium	20L
M0707-ML-SUS20-G10	AM0707	Manual-lift	Stainless Steel	Gear, Stainless steel	20L
M0707-ML-CS20-G10	AM0707	Manual-lift	Carbon Steel	Gear, Stainless steel	20L
M0705-FD-SUS10-G10	AM0705	Fixed drum	Stainless Steel	Gear, Stainless steel	10L
M0705-FD-CS10-G10	AM0705	Fixed drum	Stainless Steel	Gear, Stainless steel	10L
M0707-FD-CS10-EA10	AM0707	Fixed drum	Stainless Steel	Three-blade, Aluminium	10L
M0707-FD-SUS10-G10	AM0707	Fixed drum	Stainless Steel	Gear, Stainless steel	10L
M0707-FD-CS10-G10	AM0707	Fixed drum	Stainless Steel	Gear, Stainless steel	10L



AUTOMATIC LIFT AGITATOR



PORTABLE MOUNT, AIR LIFT STAND

Fluid mixing station with air-control lifting stand and allows high mobility application.



PLATE MOUNT, AIR STAND

Mixing station with air-control lifting stand to fit to your drum size variety.



PORTABLE MOUNT, AIR LIFT STAND WITH CONTROL BOX

Equipped with control box to set mixing duration for automatic mixing.

Air Motor Model	Mounting Method		Shaft Type (Material & Length)		Propeller Type (Material & Size)		Optional: Gear Box Ratio	
	AL	Air-lift stand	SUS10	Stainless Steel - 10L	EA10	Fan-type, aluminium, 10 cm	GB3	Gear box, 3:1
0701			SUS20	Stainless Steel - 20L	EA17	Three-blade, aluminium, 17 cm	GB5	Gear box, 5:1
0705			CS10	Carbon Steel - 10L	EP10	Fan-type, plastic, 10 cm	GB10	Gear box, 10:1
0706			CS20	Carbon Steel - 20L	EX6S10	Expandable, SUS, 6" 10 cm	GB20	Gear box, 20:1
0707					EX6S17	Expandable, SUS, 6" 17 cm		
					EX10S17	Expandable, SUS, 10" 17 cm		
					ES325	Two-blade, SUS, 32.5 cm		
					ES425	Two-blade, SUS, 42.5 cm		
					G10	Gear, SUS, 10 cm		
					G14	Gear, SUS, 14 cm		
					G17	Gear, SUS, 17 cm		
					G20	Gear, SUS, 20 cm		
					G25	Gear, SUS, 25 cm		

* Notes:
• Available for **10-liter** and **20-liter** drum size.
• For other drum size please contact us.

ORDERING INFORMATION

Order Ref No.	Air Motor Model	Mounting Type	Shaft Type	Propeller Type	Tank Size
M0705-AL-CS20-EA10	AM0705	Air-lift	Carbon Steel	Three-blade, Aluminium	20L
M0705-AL-SUS20-G10	AM0705	Air-lift	Stainless Steel	Gear, Stainless steel	20L
M0705-AL-CS20-G10	AM0705	Air-lift	Carbon Steel	Gear, Stainless steel	20L
M0707-AL-CS20-EA10	AM0707	Air-lift	Carbon Steel	Three-blade, Aluminium	20L
M0707-AL-SUS20-G10	AM0707	Air-lift	Stainless Steel	Gear, Stainless steel	20L
M0707-AL-CS20-G10	AM0707	Air-lift	Carbon Steel	Gear, Stainless steel	20L
M0707-AL-SUS20-EA10-CB	AM0707	Air-lift	Stainless Steel	Three-blade, Aluminium	20L

COMPACT SERIES



- ▶ Portable agitator and transfer pump set to be mounted on open drum.



Order Ref No.	Air Motor Model	Transfer Pump Type	Mounting Type	Shaft Type	Propeller Type	Tank Size
P0201SB-AM0705-UC-SUS20-EA10AM0705	P0201 2" 1:1	U-Shape	Stainless Steel	Three-blade, Aluminium	20L	
P0204SB-AM0705-UC-SUS20-G10AM0705	P0204 2.5" 2:1	U-Shape	Stainless Steel	Gear, Stainless steel	20L	
P0204SB-AM0706-UC-SUS20-G10AM0706	P0204 2.5" 2:1	U-Shape	Stainless Steel	Gear, Stainless steel	20L	
P0204SB-AM0707-UC-SUS20-G10AM0707	P0204 2.5" 2:1	U-Shape	Stainless Steel	Gear, Stainless steel	20L	

* Notes: Custom set with different agitator, transfer pump, shaft and tank size is available upon request.

SHAFT TYPE



Drum Size	Carbon Steel Part No.	Stainless Steel Part No.
10L	-	SUS10 (ø12mm/17mm)
20L	CS20	SUS20 (ø12mm/17mm)
40L	-	SUS40 (ø12mm/17mm)
60L	-	SUS60 (ø12mm/17mm)
200L	CS200	SUS200 (ø12mm/17mm)

PROPELLER

Air Motor
Model

Mounting
Method

Shaft
Type

Propeller
Type

Optional:
Gear Box

GEAR

► MATERIAL: SUS



Part No.	Diameter
G10	10 cm
G14	14 cm
G17	17 cm
G20	20 cm
G25	25 cm

EXPANDABLE

► MATERIAL: SUS



Part No.	Diameter
EX6S12	6" 12 cm
EX6S17	6" 17 cm
EX10S12	10" 12 cm
EX10S17	10" 17 cm

TWO-BLADE

► MATERIAL: SUS



Part No.	Diameter
ES7	7cm
ES10	10cm
ES17	17 cm
ES325	32,5cm
ES425	42.5cm

► MATERIAL: PLASTIC



Part No.	Diameter
EP10	10 cm

THREE-BLADE

► MATERIAL: ALUMINIUM



Part No.	Diameter
EA10	10 cm
EA17	17 cm

► MATERIAL: SUS



Part No.	Diameter
ESS7	7 cm
ESS10	10 cm
ESS14	14 cm



BEST QUALITY PRODUCTS



Painttechnik Pte Ltd

27 Mandai Estate

#01-01 Innovation Place

Singapore 729931

Tel. +65 6505 9098

H/P. +65 98500121

Fax. +65 6245 8785

sales@painttechnik.com