

Pressure Feed Containers

Pressure Feed Containers

- Fully approved and CE marked to the latest pressure equipment directive 97/23/EC
- Constructed from Heavy Gauge steel with forged steel clamps
- Stainless Steel and Carbon Steel Plated range covers ALL industrial applications
- Higher pressure rating for Heavier materials
- Range offers complete material handling suitability for solvent and waterborne coatings
- Inner Liners reduce cleaning time and save coating material
- Top and Bottom outlet conversion kits available
- Single air regulator as standard with optional dual outlet kits.

Pressure feed containers are used to allow the coating material to be prepared, thinned and conditioned, constantly agitated (if required) and then supplied in bulk to consistently maintain the correct spraying viscosity and pressure. The Binks range is equipped with easy to operate air regulators (to set the desired fluid outlet pressure) safety pressure relief valves and Manual, Rotary or Oscillating agitation types are available to provide the best quality agitation. Binks Pressure Feed Containers are constructed from the highest grade materials and fully comply with European and Global pressure regulations including PED, ATEX and ASME.

Binks have a pressure tank to fit every industrial application:-

Zinc Plated for Solvent-Based Coatings (10 litres)

Shown with optional twin air regulators.

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Stainless Steel Wetted Parts (10 litres)

Stainless Steel passageways for solvent and waterborne materials.

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Stainless Steel Construction throughout (10, 40 and 60 litre capacity)

For waterborne and solvent based materials.

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Galvanised Carbon Steel (40 litres)

For solvent based materials.

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Pressure Feed Containers - Accessories

Bottom outlet conversion kits #QMS-443 for 40 & 60 litre and QMS-435 for 10 litre. Call us today.

Note: A disposable tank liner is supplied with all pressure tanks as standard. Replacement tank liners part numbers are:

Pressure Feed Containers / Pressure Feed Cups

Pressure Feed Containers - Range and Specification

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	Part No.	Capacity Litres	US Gallon	Pressure Feed Tank - Construction type	Agitation	Agitator type*	Air inlet	Fluid outlet	Max. Pressure bar	(psi)
Zinc Plated	83C-210	10	2.8	Zinc plated - Carbon Steel	No Agitation	None	1/4"	3/8"	5.5	80
	83C-211	10	2.8	Zinc plated - Carbon Steel	Direct Drive Rotary Agitation	D	1/4"	3/8"	5.5	80
Stainless "Wetted" Parts	83Z-210	10	2.8	Stainless Steel Lid and St St fluid passages	No Agitation	None	1/4"	3/8"	5.5	80
	83Z-211	10	2.8	Stainless Steel Lid and St St fluid passages	Direct Drive Rotary Agitation	D	1/4"	3/8"	5.5	80
Fully Stainless Steel	83S-210	10	2.8	Fully Stainless Steel - Electropolished	No Agitation	None	1/4"	3/8"	7.6	110
	83S-211	10	2.8	Fully Stainless Steel - Electropolished	Direct Drive Rotary Agitation	D	1/4"	3/8"	7.6	110
	83S-212	10	2.8	Fully Stainless Steel - Electropolished	Manual Agitation	Manual	1/4"	3/8"	7.6	110
	83S-213	10	2.8	Fully Stainless Steel - Electropolished	Gear Reduction Rotary Agitation	I	1/4"	3/8"	7.6	110
	83S-1010	40	11.8	Fully Stainless Steel - Electropolished	No Agitation	None	1/4"	3/8"	7.6	110
	83S-1013	40	11.8	Fully Stainless Steel - Electropolished	Gear Reduction Rotary Agitation	I	1/4"	3/8"	7.6	110
	83S-1016	40	11.8	Fully Stainless Steel - Electropolished	Reciprocating Agitation	R	1/4"	3/8"	7.6	110
Galvanised Steel	83G-1010	40	11.8	Galvanised Carbon Steel	No Agitation	None	1/4"	3/8"	7.6	110
	83G-1013	40	11.8	Galvanised Carbon Steel	Gear Reduction Rotary Agitation	I	1/4"	3/8"	7.6	110
	83G-1016	40	11.8	Galvanised Carbon Steel	Reciprocating Agitation	R	1/4"	3/8"	7.6	110
Fully Stainless Steel	83S-1510	60	19.8	Fully Stainless Steel - Electropolished	No agitation	None	1/4"	3/8"	7.6	110
	83S-1512	60	19.8	Fully Stainless Steel - Electropolished	Manual Agitation	Manual	1/4"	3/8"	7.6	110
	83S-1513	60	19.8	Fully Stainless Steel - Electropolished	Gear Reduction Rotary Agitation	I	1/4"	3/8"	7.6	110

*Agitator types :-

- D** Direct Drive Agitator - Air powered direct drive agitator assembly with 1/2 hp air motor and a three blade propeller to keep materials in suspension even with high solids.
- I** Indirect Air Motor Drive - Standard duty, smooth running with gear reducer, 1/2 hp, 15:1 ratio, 20 to 120 RPM. Inc throttling valve, fittings and hose for connection to air supply on tank lid. Air consumption is approx 6CFM @ 50RPM.
- R** Reciprocating Air Motor Drive - 180° reciprocating action provides excellent agitation of all types of materials. Particularly important for waterborne shear sensitive materials. Very low air consumption.



Agitator type D



Agitator type I



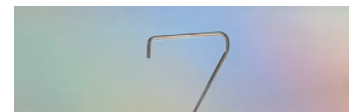
Agitator type R

KBII 2.3 Litre Remote Cup Standard – Aluminium & ST ST

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Light weight, portable and easy to use

- 2.3 Litre capacity - greater area coverage, less refills



Pressure Feed Cups / Agitators

Binks Steadi-Grip 2.3 Litre / 2 Quart Pressure Cup

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Light weight, portable and easy to use

- 2 Quart/2.3 litre capacity - greater area coverage, less refills
- Complete gun manoeuvrability at any angle
- Suitable for most Conventional or Compliant pressure/suction guns
- Large "wide mouth" opening enables rapid filling and easy cleaning
- Cup features four lid clamps for quick and easy access
- Comfortable gun handle shaped carrying handle and belt hook for operator convenience
- Separate air control regulator and lid mounted pressure gauge
- anodised bright dipped Aluminium cup and "Silverstone" coating on lid interior and exterior

The Steadi-Grip is the most advanced pressure fed cup from Binks designed to give complete freedom of movement for the Spray Gun and the operator, in particular those working on production finishing lines. Conventional or Compliant/HVLP pressure fed Spray Guns can be used with Steadi-Grip and it is suitable for use with a wide variety of paints, enamels and other coating materials. Its 2 Quart/2.3 litre capacity dramatically reduces the need for constant cup refills. Using a remote cup means that the Spray Gun is lighter and can even be used upside down with total manoeuvrability in hard to reach areas.



Standard Cup Part no: 80-600
Agitated Version Part no: 80-601

Steady-Grip 2.3 Specification

Air inlet and outlet connections threads	1/4" NPS(M)
Fluid outlet connection (to spray gun)	3/8" NPS(M)
Capacity	2.3 Litres (2 Quart)
Weight (less hoses and paint)	4lbs 13 oz
Maximum working pressure	3.5 bar (50 psi)

Binks air operated, rotary agitators and mixers

Designed for a wide variety of industrial and automotive applications. The agitators ensure paints and fluids are agitated precisely to keep paint solids in suspension and maintain optimum finishing characteristics. Binks agitators are suitable for a wide range of viscosities and paint material types including solvent based, waterborne and many other fluids.

Note: Binks recommend the use of an air oil lubricator with these air driven agitators.

Binks Agitators, Drives and Covers for 25 litre (5 gallon) containers

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Models 41-3312CE* and 31-133CE* for 25 litres (5 Gallon Pails)

- Furnished alone or as an assembly, mounted to container covers
 - Agitator and drive assembly only, standard
- Speed:* Speed of propeller shaft is determined by fluid, 3000 RPM maximum
Air Supply: Air supply to the motor should be 4 bar (60 psi) gauge pressure minimum

Model Number	41-3312CE*	31-133CE*
Includes	Agitator & Drive Agitator Drive	Assembly Only & Cover Assembly
Shaft/Propeller Material	Stainless Steel	Stainless Steel
Container Size	25 litre (5 Gallon) Pail	25 litre (5 Gallon) Pail
No. of Propellers or Paddles	1	1
Propeller/Paddle Diameter	79mm (31/8 in)	79mm (31/8 in)
Shaft Speed	To 3000 RPM	To 3000 RPM
Air Drive Type	Direct (HP:1/4) (CFM:10-14)	Direct (HP:1/4) (CFM:10-14)
Shipping Weight	6 kg (12 lbs)	16.6 kg (33 lbs)



Model 41-3205

- Cover for open-top container

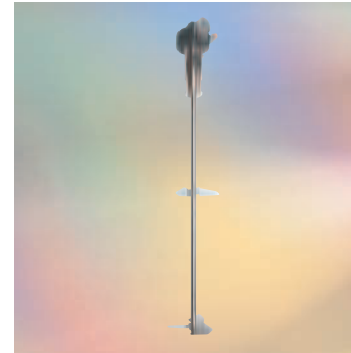
Agitators

Binks Direct Drive Agitators for 205 litre (55 gallon) drums



Part No.	Description	
QS-574-H*	Rotary agitator assembly (S.S.) for 205L Lid mounting, shaft length 1135mm.	Max air pressure 7 BAR
QS-575-H*	Rotary agitator assembly (S.S.) for 205L Lid mounting, shaft length 900mm.	Max air pressure 7 BAR
QS-576-H*	Rotary agitator assembly (S.S.) for 205L Lid mounting, shaft length 760mm.	Max air pressure 7 BAR

Note: Binks recommends the use of an oil lubricator with all air driven agitators.



Part no: QS-574-H rotary Agitator

Binks Direct Drive Agitators and Drives for open top 205 litre (55 gallon) drums

Model 41-3304 for 205 litre (55 Gallon) Drums



- Stainless Steel agitator and drive assembly only
- Speed:* Speed of propeller shaft is determined by fluid, 1000 RPM maximum
- Air Supply:* Air supply to the motor should be 4 bar (60 psi) gauge pressure minimum

Model Number: 41-3304			
Includes	Agitator & Drive Assembly Only	Shaft Speed	To 1000 RPM
Material	Stainless Steel	Air Drive	Type: Direct
Container Size	205 litre (55 Gallon Drum)		HP: 1/4
No. of Propellers or Paddles	2		CFM: 10-14
Propeller/Paddle Diameter	130mm (5 1/8 in) (SS)	Shipping Weight	6 kg (12 lbs)
		Part Sheet Reference	77-1390



Binks Gear Drive Agitator for heavy fluids in open top 205 litre (55 gallon) drums

Model 31-397 Gear Drive Agitator (with cover)



- For open top 205 litre (55) gallon drums ● Gear drive, 40 RPM
- For heavier fluids such as paints and mastics furnished with:
 - 1/2 HP air motor (10 to 14 CFM)
 - Zinc Plated Clear Chromate cover (31-124)
 - Two 370mm (14 1/2 in. diameter Stainless Steel paddles with Stainless Steel shaft

Speed: Speed of the air motor is regulated by an air adjusting valve (part no. HAV-500). The speed of the agitator shaft below the reduction gear box should not run faster than 30 to 40 RPM maximum.

Air Supply: Air used to operate this unit should come directly from a high pressure source; do not use air that has passed through a regulator. Air supply to the motor should be a minimum of 4 bar (60 psi) gauge pressure.

Specification – Model Number: 31-397			
Container Size	205 litre (55 Gallon) Drum	Speed	30 to 40 RPM
Motor Specifications		Propeller Specifications	
Air Motor Model	Gear	Number of Props	2
HP	1/2	Diameter	370 mm (14.5 in)
CFM	10-14	Material	Stainless Steel
Shaft Specifications		Cover Specifications	

