

PTB System™

Allied's Pedestal Transfer Boom System for Waste Transfer Stations



Allied PT

The best way to increase tonnage



Allied Construction Products, LLC has developed a new Pedestal Transfer Boom System specifically for the waste transfer industry. It offers consistent reliability and high productivity for lowering waste handling costs. And, it's backed by decades of Allied experience in designing and building Pedestal Transfer Boom Systems for other demanding applications.

Flexibility and safety. This hydraulically-powered system works like a mechanical arm with either 180° or 270° swing rotation for the widest possible working range.

It allows the operator to transfer, sort and compact solid wastes quickly and precisely (either on the station floor or inside a trailer) all with the same piece of equipment.

The Pedestal Transfer Boom System is operated by remote control through a separate console, so the operator can keep a safe distance from the work area.

Load a trailer in minutes. A grapple attachment lets the operator transfer waste to the shredder, compactor or trailer. The operator can also use it to set aside large items for special handling. The system's high speed and capacity make it easy to load a trailer quickly often in as little as three minutes. Contact Factory for availability of other custom grapples.

Full loads every time. Just think what a 30% increase in load factors could do for the bottom line. An optional compaction plate makes that possible by packing more

waste into fewer trailers. And, that can cut transfer costs such as fuel and wear and tear on vehicles significantly.

Economical operation.

System can also save money over the costs to own and operate other types of equipment used to transfer refuse. For example, many companies use large loaders or excavators, which can be more expensive to operate and maintain. Allied's Pedestal Transfer Boom System is powered by an electric motor for economical operation and maintenance can be done in-house.

B System™

Save and reduce costs – the Allied way.

Exceptional reach and flexibility. The transfer boom can rotate either 185°, 190° or up to 300° permitting the widest possible working range. The transfer boom's reach can be customized with boom lengths ranging from 20 feet to 40 feet.

Engineered for the waste transfer industry. The transfer boom and dipper stick are made of structural grade rectangular tubing with heavy reinforcements. The system is designed to handle heavy loads without stress damage.

Operator-friendly. Tailor your operation to provide safety and ergonomically correct, remotely-located, joystick controls for your station operator. Save even more money by providing your loader operator with the ability to control the boom and grapple right from the loader cab with a durable radio remote control transmitter.

Ease of maintenance. Maintenance is made easier with the new Allied PBAS and PPS Series booms. Accessible, raised swing cylinders provide greater mechanical advantage and easier access for servicing.



Allied PTB System™

Transfer Booms

Model	Series	Horizontal Reach* ft. (m)	Lift Capacity lbs. (kg)	Operating Weight** lbs. (kg)	Swing Rotation	Base Dimensions in. (cm)	ABG Gapple Model
1809	PBAS	18 (5.5)	3,350 (1519)	6,825 (3095)	190°	37x48 (95x122)	30B-2
2112	PBAS	21 (6.4)	2,800 (1270)	7,300 (3310)	190°	37x48 (95x122)	30B-2
2311	PPS	23 (7.0)	7,400 (3356)	18,825 (8537)	185°	58x58(147x147)	40B-2/50B-2
2714	PPS	27 (8.2)	6,000 (2721)	19,350 (8776)	185°	58x58(147x147)	40B-2/50B-2
3217	PMS	31 (9.5)	6,100 (2770)	19,600 (8910)	300°	89 (226)	40B-2/50B-2
3922	PMS	39 (12.0)	7,000 (3180)	25,410 (11550)	300°	89 (226)	40B-2/50B-2

* Reach of boom/arm only. Add 4 feet for ABG 30B-2, 4.5 feet for ABG 40B-2 and ABG 50B-2.

** Weight of boom unit only. Add 1,544 lbs. for ABG 30B-2, 2,646 lbs. for ABG 40B-2 and 3,605 lbs. for ABG 50B-2.

Power Units

Model	Electric Motor HP (kW)	Pump Capacity Maximum gpm (lpm)	System Pressure Maximum psi (bar)	Tank Capacity Maximum Oil Volume gal. (liters)	Length in. (cm)	Width in. (cm)	Height in. (cm)	Weight*** lbs. (kg)
3430	30 (25)	34 (130)	3,000 (210)	55 (210)	50 (127)	40 (102)	42 (107)	1,500 (680)
3450	50 (37)	34 (130)	3,000 (210)	55 (210)	50 (127)	40 (102)	42 (107)	1,750 (795)
5875	75 (58)	58 (220)	4,000 (280)	105 (400)	68 (173)	60 (152)	60 (152)	2,275 (1035)

*** Weight less oil/tank empty.

Each Allied Pedestal Transfer Boom System is custom-designed to the customer's specific requirements. Pedestal Transfer Boom Systems may be configured with transfer booms ranging from 20 feet to 40 feet in length and with a wide choice of power units. Purchasers can also choose between an open or closed center hydraulic system.

The power unit (sized to be compatible with the Pedestal Transfer Boom System) can be mounted virtually anywhere. Four models are available ranging from 30HP to 75HP.

The Allied Pedestal Transfer Boom System has been engineered to make maintenance fast and uncomplicated. For example, all transfer boom cylinders use common packings for quick and easy replacement. And, the Pedestal Transfer Boom System also features quick-disconnect test ports to simplify diagnosing and adjusting hydraulic circuits.

Allied even offers on-site service training for waste transfer company employees so most regular service and maintenance tasks can be performed by in-house personnel. All Pedestal Transfer Boom Systems are backed by Allied's warranty and our North American network of more than 150 Distributors who can provide fast and reliable on-site service.

For sales and service, contact your Allied Distributor:



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