

Allied

Pedestal Boom Systems, LLC



World-class engineering | Long-Term reliability | High productivity
Crew safety | Four series available

Allied Pedestal Boom

(With four systems to choose from, on

PowerPortable™ Series

The lightweight system with heavy-duty attributes



- Turntable mounted systems provide up to 330° of swing rotation.
- Well suited to handle hydraulic breakers from 200 ft. lbs. to 1400 ft. lbs.
- Ideal for portable and mobile crusher applications, especially where transport weight and dimensions are a primary concern.
- Specifically designed power units and hydraulic interface kits that tie into existing crusher hydraulic systems are available.

Model	Weight Lbs. Kg
1004	1700(780)
1304	2200(998)
1505	2500(1134)

PowerBoom™ Series

The best power-to-weight ratio for a 180° swing boom



- Allied PowerBooms come in 18 standard models with horizontal reach from 10 to 25 ft.
- These units work with hydraulic breakers from 550 ft. lbs. through 5000 ft. lbs.
- Ideal for portable, mobile, or stationary installations utilizing jaw and impact crushers with a vibratory feeder and rock box.
- Fully assembled, factory tested, and ready to operate when oil and electric power are added.

Model	Weight Lbs. (Kg)
1102	7430(3380)
1404	7620(3460)
1505	7700(3500)
1505 HD	8200(3730)
1610	7700(3500)
1704	7810(3550)
1705	7750(3520)
1807	7990(3630)
1807 HD	8590(3900)
1811	7830(3560)
1906 HD	8650(3930)
2013	7990(3630)
2109	8210(3730)
2209	8270(3760)
2215	8210(3730)
2317	8350(3800)
2411	8590(3900)
2518	8590(3900)

Product Support

All of our systems are designed and manufactured onsite at our state-of-the-art 100,000 sq. ft. facility. Our systems meet all your aftermarket requirements. Allied Pedestal Boom Systems are

Boom Systems, LLC

(None is right for your Primary Crusher.)

PowerPlus™ Series

The solution for heavy-duty applications



- Allied PowerPlus Booms come in 8 standard models with horizontal reach from 20 to 31 ft., and 185° or optional 330° swing rotation with the TT (Turntable) version.
- Ideal for jaw, impact or gyratory crushing plants set-up to handle large trucks with an increased duty-cycle utilizing breakers up to 8000 ft. lbs. for the largest, hardest rock.
- Designed for raking bridged or breaking oversized material in high production applications.

Model	Weight Lbs. (Kg)
2009	14000(6350)
2009-TT	16000(7257)
2311	14400(6531)
2311-TT	16400(7438)
2714	14900(6758)
2714-TT	16900(7665)
3117	15500(7030)
3117-TT	17500(7937)

PowerMax™ Series

The ultimate performance in a turnable system.



- Allied PowerMax Booms come in 5 standard models with horizontal reach from 26 - 40ft.
- These turntable-mounted, 330° swing units offer the highest duty-cycles in the industry and are matched with hydraulic breakers from 2,000 ft. lbs. through 11,000 ft. lbs.
- Designed to operate continuously on the largest gyratory or stationary plants in mining or quarry operations with the toughest, hardest, most abrasive raking and breaking applications.
- Ideal to operate over large pits, these units have a constant swing torque throughout their rotation for the best raking and breaking efficiency.
- Allied turnable systems do not interfere with crusher production as they are free of the pit during routine boom and breaker maintenance.

Model	Weight Lbs. (Kg)
2615	25500(11600)
3217	26200(11900)
3319	28900(13100)
3418	29400(13400)
3922	29800(13500)

Support and Warranty

100,000+ sq ft facility. With one of the largest parts inventory around, we are prepared to support you. Our products are backed by the strongest product support and warranty in the industry.

Allied Power Units

Allied offers power units from 20 hp up to 100 hp which operate both the pedestal boom and breaker and are carefully matched to your pedestal boom system to ensure maximum performance and productivity. Since the power is separate from the boom, it can be mounted in any convenient location near the work station. Allied power units include:



- Variable volume, pressure compensated, load sensing piston pump.
- Pressure, return and air filters to protect against contamination.
- Low oil, high temperature and filter bypass switches.
- Immersion heater.
- Tank cleanout cover.
- Coupling guards.
- Flooded pump inlets.
- Combination sight level and temperature gauges.

System Options

Customize your pedestal boom system by adding:

- Auto lubrication systems for boom and breaker.
- Specialized attachments such as grapples, spades, picks and compaction plates.
- Deluxe Electrohydraulic joystick remote control.
- Radio, coaxial cable and fiber optics.
- Climate controlled cabs.



Standard controls package includes manual control valve console and electrohydraulic joystick controls.



Radio remote control



Deluxe Electrohydraulic joystick remote control

The Allied Advantage

- Choice of 40 standard models, ranging from 8 ft. to 40 ft. horizontal reach with custom configurations available.
- Each system ships completely assembled for mounting onto a structural or concrete base.
- Engineered site analysis and reach drawings for proper system selection.
- Customized unit can be designed and built for specific application.



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