

'U' SERIES AIRBAG DOCK LEVELER SPECIFICATIONS:

Dock Leveler shall be air-powered **Model ABU** and come complete with air blower motor and rear fixed hinge with 4" (101mm) lateral ramp flex as manufactured by BLUE GIANT.

MODEL	DECK WIDTH	DECK LENGTH w/ 16" LIP	PIT DEPTH 24"	
			PIT WIDTH	PIT LENGTH
ABU6006	72"	75 ½"	74"	61 ¼"
ABU6008	72"	99 ½"	74"	85 ¼"
ABU6606	78"	75 ½"	80"	61 ¼"
ABU6608	78"	99 ½"	80"	85 ¼"
ABU7006	83"	75 ½"	85"	61 ¼"
ABU7008	83"	99 ½"	85"	85 ¼"
Capacities available: 30,000 / 35,000 / 40,000 / 45,000 lb				

For metric conversion to mm, multiply inches by 25.4. For conversion to kg, divide lb by 2.2.

TYPE:

Recessed, pit installed hinged dock leveler. Air- powered.

FUNCTION:

Vertical Travel: Working range of 12" (305mm) above and 12" (305mm) below dock level.

Automatic Vertical Compensation: Unit provides float of 12" (305mm) above and 12" (305mm) below dock level.

Automatic Lateral Compensation: Leveler shall have deck flex up to 4" (101mm) to compensate for non-level trailer beds. Rear hinge is fixed and does not come up above floor level.

Lip Operation: Mechanically operated lip automatically extends and locks into position. Lip will yield under impact of incoming truck and automatically drop pendant upon truck's departure. The length of the lip extension shall not be less than 16" (406mm) from the ramp edge.

OPERATION:

Air-Powered System: Easy to operate and smooth cycling. Airbags inflate and deflate, raising and lowering the dock leveler. Unit is controlled by a remote single push button control station. Includes means of lowering the dock leveler below platform level with lip retracted behind dock bumpers. Mechanical fall safe legs limit free fall and below level lip control is available for end-loading. Unit shall come complete with a 115 or 230 VAC single phase blower motor. Air power pack is pit-mounted. All 6' long docks use 3/16" dia. cable. All 8' long docks use ¼" dia. cable. There is one main balance spring for all 6' long docks; two main springs for all 8' long docks.

Push-button control station: Unit is operated via a single push button control station with constant pressure "I" (UP) button. Control station is NEMA4X/IP65 rated, 3 ¼"W x 6 ½"H x 5 1/8"D (83 x 165 x 130mm) in size.

RATED CAPACITY / DESIGN:

Welding procedure compliant with ANSI AWS D1.1 (2008) specifications. All units rated in compliance with ANSI MH30.1(2007). Standard capacities available from 30,000lb to 45,000lb (13,636kg to 18,144kg). Structural deck support to include minimum six each high-tensile solid steel U-beam members.

VOLTAGE SELECTIONS:

- 115V / 1PH Range: 110-130V / 50-60Hz
- 230V / 1PH Range: 208-240V / 50-60Hz

SAFETY DEVICES:

- Full operating range metal toe guard protection (may be optional in certain markets, specify)
- Mechanical fall safe legs to limit free fall and below level lip control for end-loading (may be optional in certain markets, specify)
- Cross traffic support - lip engaged in saddles
- Corner safety stops
- Telescopic v-grooved maintenance strut, integral to unit
- Beveled lip

FINISH AND COLOR:

Toe guards painted safety yellow as specified by ANSI Z535.1. Remainder of unit painted blue. High visibility OSHA safety striping on stationary side toe guards.

WARRANTY:

Warranties are subject to standard limitations on liability. Please consult Blue Giant warranties at <http://www.BlueGiant.com> for full details on warranty information and product registration.

STANDARD ACCESSORIES:

- Blower motor: 115 VAC / 230 VAC single phase
- Night Locks
- Two model DB411 laminated bumpers 14"W x 10"H x 4.5"D (355 x 254 x 114mm)

OPTIONAL ACCESSORIES:

- Foam insulation underside of deck
- Side and rear rubber style weather seals
- Side and rear nylon brush weather seals
- 18" (457mm) long lip
- 20" (508mm) long lip
- Clean pit frame
- Pour-in pan (dock leveler welded to a steel pan, allowing it to be "poured in place" after concrete slab is poured)
- Three wheel forklift center deck support
- Assured motion float (4" / 101mm) maintained deck tilt