



Bennu Parts and Service, Inc.
 651 E. Devon Ave.
 Elk Grove Village, Illinois 60007 USA
 Office: 847-595-8444 | Fax: 847-595-8554
 www.bennuparts.com | www.castleandson.com

Bennu Hydraulic Mast-Climbing Scaffolding Platform APU Series #3

APU - Automatic Power Unit Main Features

Platform dimensions: 24 ft. x 7 ft.
 Setup length: 1 unit = 24 ft. to 64 ft.
 2 units = 48 ft. to 138 ft.
 Collapsed height: 55 inches
 Elevation height: 0 - 30 ft. = Free standing
 30 ft. - 100 ft. = Wall tie every 15 ft.
 300 ft. maximum height (see manual)
 Shipping weight: 9,300 lbs with standard accessories
 Load capacity: High speed - 12,000 lbs
 Low speed - 20,000 lbs
 Elevation speeds: High speed = up to 10 ft. / minute
 Low speed = up to 5 ft. / minute
 Engine: 13HP GX 390K1 Honda engine, electric start, oil alert

Details

- Guard rails:**
- (2) 48" Adj. guard rails
 - (2) door guard rails
 - (2) sliding doors
 - (2) mast toe guards
 - (2) mason guard rails (not shown)
- Accessories:**
- (1) foldable access ladder with built-in rest-platform and guard rails
 - (1) ladder access door
 - (1) power pack access door

Outriggers:

- (7) 8 ft. outriggers

Base:

- (2) Independent bases with starter 40" mast sections
- (4) high capacity (160,000 lbs) jacks & horse-shoe pads
- (2) stabilizer arms with jacks and standard pads
- (2) Transversal stabilizer bars

Lifting system:

- (1) Powerpack
- (2) Climbing Wheels
- (1) Control post



**U.S. Patents
 #8,167,089 B2**



APU - Automatic Power Unit Capacity, per unit

CAPACITY		CANTILEVER					
CANTILEVER	LENGTH	0	4	8	12	16	20
	CANTILEVER	0	20,000	19,300	18,700	18,000	17,300
4		19,300	18,700	18,000	17,300	16,700	16,000
8		18,700	18,000	17,300	16,700	16,000	15,300
12		18,000	17,300	16,700	16,000	15,300	14,700
16		17,300	16,700	16,000	15,300	14,700	14,000
20		16,700	16,000	15,300	14,700	14,000	13,300

CAPACITY		BEARING																
CANTILEVER	LENGTH	0	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72
	CANTILEVER	0	20,000	19,000	18,700	18,300	18,000	17,700	17,300	17,000	16,700	16,300	16,000	15,700	15,300	15,000	14,700	14,300
4		19,300	18,300	18,000	17,700	17,300	17,000	16,700	16,300	16,000	15,700	15,300	15,000	14,700	14,300	14,000	13,700	13,300
8		18,700	17,700	17,300	17,000	16,700	16,300	16,000	15,700	15,300	15,000	14,700	14,300	14,000	13,700	13,300	13,000	12,700
12		18,000	17,000	16,700	16,300	16,000	15,700	15,300	15,000	14,700	14,300	14,000	13,700	13,300	13,000	12,700	12,300	12,000
16		17,300	16,300	16,000	15,700	15,300	15,000	14,700	14,300	14,000	13,700	13,300	13,000	12,700	12,300	12,000	11,700	11,300
20		16,700	15,700	15,300	15,000	14,700	14,300	14,000	13,700	13,300	13,000	12,700	12,300	12,000	11,700	11,300	11,000	10,600