

INTRODUCTION

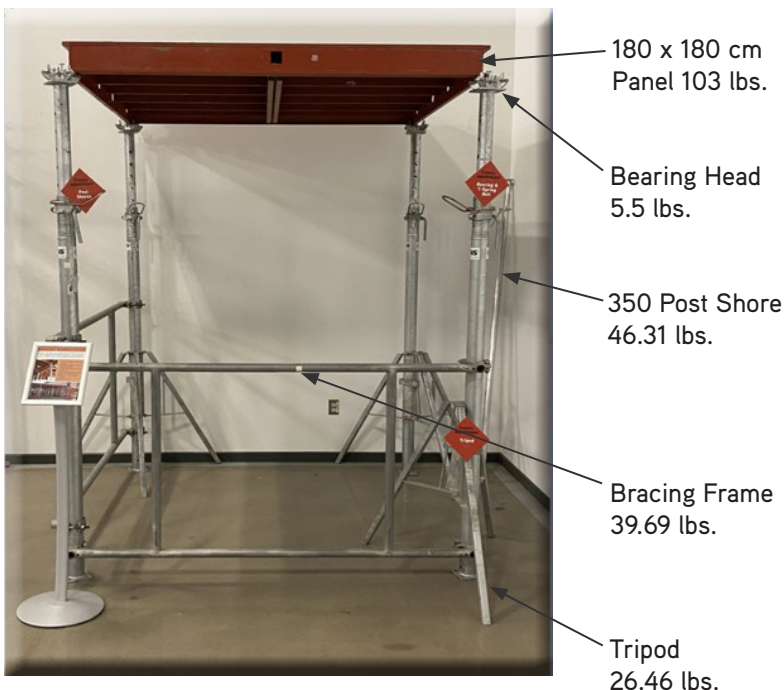
DeckFast™ is a modular slab formwork system that is used for commercial and industrial applications. The system will support slabs up to 22" and heights up to 18'11" above the floor or ground.

The basic DeckFast system consists of tubular post shores that are adjustable to 18', bearing supports and modular forming panels. The uniqueness of this system lies with bearing supports that capture and support corner clusters of four panels. When the bearing supports are fastened to flat top post shores, the panels and post shores can be erected individually from below, simplifying the erection process.

The easy-to-use DeckFast system, with two basic components and two support rods, can be erected with a minimal amount of training. Even workers who are not familiar with the system can achieve efficiencies of an average of 1000 ft² per worker per day for most flat slab conditions.

Forming panels are made from 5-ply bonded veneers with 10 mm or 10.5 mm plywood. Edges are protected by specially designed aluminum framing members that not only minimize the gap between panels but also add to panel strength. Aluminum frames minimize maintenance cleaning efforts and reduce cleanup costs.

STANDARD 180 X 180cm PANEL QUADRANT LAYOUT



SYSTEM HARDWARE



Panels
(10 stock sizes)



Post Shores

- 1) 350 Post (6'6" - 11'5")
 - 2) 550 Post (10'1" - 18'11")
- Post Capacity: 5.697 - 12,859 lbs.

Bracing Frame
39.69 lbs.



Bearing Head 5.5 lbs.

DF Erection Rod
8.58 lbs.



Tripod
26.46 lbs.

POST SHORE CONFIGURATIONS & PANEL CAPACITIES

Slab Thickness (Notes)	Max Height	Post Type	Post Pattern
180 x 180 Panel			
5"	12'-6"	350	A
	17'-8"	550	A
	19'-0"	550	B
6"	12'-6"	350	A
	16'-11"	550	A
	19'-0"	550	B
8"	12'-2"	350	A
	15'-6"	550	A
	18'-4"	550	B
	19'-0"	550	C
9"	11'-10"	350	A
	15'-2"	550	A
	17'-8"	550	B
	19'-0"	550	C
10"	11'-7"	350	A
	14'-9"	550	A
	17'-0"	550	B
	19'-0"	550	C
10.9"	#3 11'-4"	350	A
	#3 14'-4"	550	A
11"	#1 11'-4"	350	A
	#1 14'-4"	550	A
	16'-7"	550	B
	19'-0"	550	C
11.6"	#1,2 11'-1"	350	A
	#1,2 14'-1"	550	A
12"	12'-6"	350	B
	16'-3"	550	B
	19'-0"	550	C
13"	12'-6"	350	B
	15'-10"	550	B
	19'-0"	550	C
14"	12'-6"	350	B
	15'-5"	550	B
	19'-0"	550	C
14.75" max. load	12'-6"	350	B
	15'-1"	550	B
	19'-0"	550	C

POST SHORE CAPACITIES			
Post Shores		350 Post Shore	550 Post Shore
Adjustment Range		FSW450017	FSW450018
Height (in)	Height (MM)	Rated Capacities (kN)	
79	2000	57.3 (12,281 LBS)	
114	2900	55.1 (12,387 LBS)	
118	3000	45.5 (10,228 LBS)	41.7 (9,374 LBS)
122	3100	42.7 (9,599 LBS)	41.7 (9,374 LBS)
126	3200	40.8 (9,172 LBS)	40.2 (9,037 LBS)
130	3300	36.2 (8,138 LBS)	39.5 (8,879 LBS)
134	3400	33.8 (7,598 LBS)	37.4 (8,407 LBS)
138	3500	28.1 (6,317 LBS)	35.4 (7,958 LBS)
142	3600		31.7 (7,126 LBS)
146	3700		30 (6,744 LBS)
150	3800		28.4 (6,384 LBS)
154	3900		26.8 (6,024 LBS)
157	4000		25.3 (5,687 LBS)
165	4200		22.6 (5,080 LBS)
169	4300		21.3 (4,788 LBS)
173	4400		20.2 (4,541 LBS)
177	4500		19.2 (4,316 LBS)
181	4600		18.3 (4,114 LBS)
189	4800		16.5 (3,709 LBS)
193	4900		15.7 (3,529 LBS)
201	5100		14.4 (3,237 LBS)
204	5180		13.8 (3,102 LBS)
209	5310		13.2 (2,967 LBS)
217	5500		12.1 (2,720 LBS)

NOTES:

1. Shaded areas indicate that the slab thickness is allowable, but exceeds L/360 deflection.
2. Maximum allowable load on 180 x 180 Panel supported at the corners.
3. Maximum allowable load meeting L/360 deflection criteria.

Post Shore Support Patterns
