

Capacities and Flow Arrangements

Uniflow Model	Wheat	Barley	White Rice	Oats	Seed Corn
17 Uniflow 1 High	Splitter 8 - 9 mt/hr	Splitter 5.4-6.5 mt/hr	3/4 Lift 1.75 - 2 mt/hr	Splitter 2.5 - 5	1.1-2.9 mt/hr
17 Uniflow 1 High	Seed 1.5 - 3.6 mt/hr	Seed 1.75-3 mt/hr	1/4 Lift .75 - 1.25 mt/hr	Seed/Wheat .7 - 2	10% Lift 1.5 mt/hr
17 Uniflow 1 High	Oat 5.4 mt/hr	Oat 3.5-4.8 mt/hr		Stick 1.8 - 3 mt/hr	
17 Uniflow 3 High	Series Flow 4 - 9 mt/hr (#19, 13, 22)	Series Flow 6 - 8 mt/hr (#19, 13, 22)	Series Flow 3 mt/hr (#13, #11, #8.5)	Series Flow 2.5 - 4 mt/hr (#19, 16, 13)	
17 Uniflow 3 High	Parallel Flow 24 mt/hr in a splitter application	Parallel Flow 20 mt/hr in a splitter application	Parallel Flow 5.26 - 6 mt/hr in a splitter application (#13)	Parallel Flow 15 mt/hr in a splitter application	
No 3 SI	2.7 Seed - 5.4 Oat	1.75 Seed - 3.5 Oat	1/4 Lift .75 mt/hr	.7 Seed - 1.8 Oats	
23 Uniflow 1 High	Splitter 8 - 10.8 mt/hr	Splitter 5.4 - 9 mt/hr	3/4 Lift 1.75 - 2.4 mt/hr	Splitter 2.5 - 6	1.1 - 2.9 mt/hr
23 Uniflow 1 High	Seed 1.5 - 4.3 mt/hr	Seed 1.75 - 3.6 mt/hr	1/4 Lift .75 - 1.5 mt/hr	Seed/Wheat .7 - 2.4	10% Lift 1.5 mt/hr
23 Uniflow 1 High	Oat 6.5 mt/hr	Oat 3.5 - 5.75 mt/hr		Stick 1.8 - 3.6 mt/hr	10% Lift 1.5 mt/hr
23 Uniflow 3 High	Series Flow 4 - 10 mt/hr (#19, 13, 22)	Oat 3.5 - 5.75 mt/hr	Series Flow 8.5 - 3.6 mt/hr (#13, 11, 8.5)	Series Flow 2.5 - 4.8 mt/hr (#19, 16, 13)	
23 Uniflow 3 High	Parallel Flow 29 mt/hr in a splitter application	Series Flow 6 - 9.6 mt/hr (#19, 13, 22)	Parallel Flow 5.26 - 7.5 mt/hr in a splitter application (#13)	Parallel Flow 18 mt/hr in a splitter application	
Phat Boy 1 High	Splitter 24 mt/hr	Parallel Flow 24 mt/hr in a splitter application	3/4 Lift 6 mt/hr	Splitter 13.75 mt/hr	
Phat Boy 1 High	Seed 10 mt/hr	Splitter 20 mt/hr	1/4 Lift 3.5 mt/hr	Seed/Wheat 5.5 mt/hr	
Phat Boy 1 High	Oat 14 mt/hr	Oat 12 mt/hr Seed 8 mt/hr		Stick 8.25 mt/hr	
Phat Boy 1Pyramid	Series 19, 8.5, 24 mt/hr	Series 19, 8.5, 22 20mt	Series 13, 11, 8.5 - 6 mt/hr	Series 19, 8.5, 22 mt	

* Above capacities are based on length grading separation required and on incoming product percentage to be length graded. **17" Uniflow Capacities on a 95%+, **23 Uniflow capacities are based on 85-95+ % efficiency and Phat Boy is based on 75 - 90% efficiency.

Uniflow Model	Height	Length	Width	Net Weight	Motor
17 Modular 1 High	38" (965 mm)	115" (2921 mm)	28" (711 mm)	700 lbs (318 kgs)	2 hp
17 Modular 3 High	91" (2311 mm)	115" (2921 mm)	28" (711 mm)	1975 lbs (896 kgs)	2 hp
No 3 SI	33" (838 mm)	115" (2921 mm)	27" (686 mm)	703 lbs (319 kgs)	.75 hp
23 Mod Drive1 High	42.45" (1078 mm)	115" (2921 mm)	34" (864 mm)	878 lbs (399 kgs)	1 hp
23 Direct Drive 1 High	35.19" (894 mm)	122.91" (3122 mm)	34" (864 mm)	878 lbs (399 kgs)	1hp
Phat Boy 1 High	50" (1270 mm)	212" (5385 mm)	46" (1168 mm)	5000 lbs (2268 kgs)	7.5 hp

