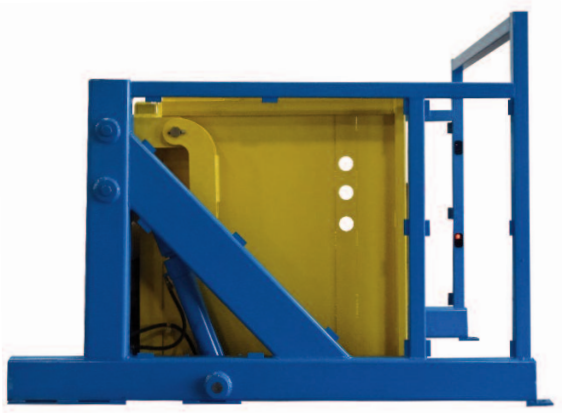
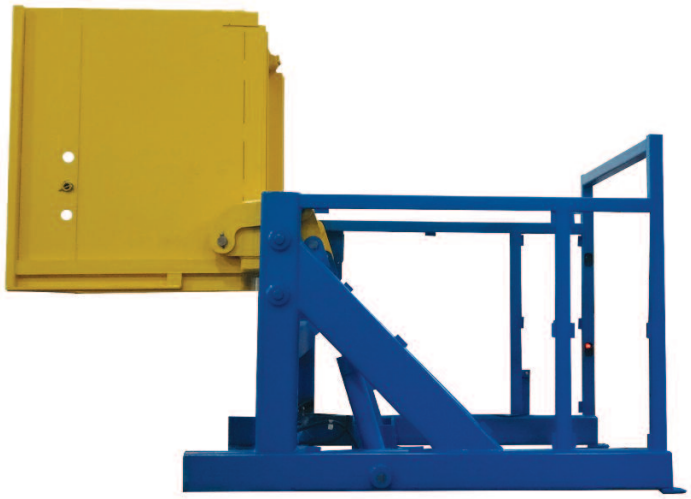
ADVANCE LIFTS®

High Performance Container Dumper (HPDP)

5 Year/ 500,000 Cycle Warranty

The high performance dumper shares the same patent pending configuration of the Ultra high performance dumper. By removing the shuffle feature, costs are reduced by simplifying the power unit and reducing the high fatigue stresses, so structural members can be lighter, but still very robust.





Special Features

- 180 degree rotation using our patent pending “dumper linkage system” which quickly and compactly inverts the bin assembly to dump the most stubborn loads.
- The unique dumper design keeps the center of gravity of the bin assembly and payload entirely within the dumper base-frame during the entire rotation cycle even in the improbable event that the payload remains stuck in the bin assembly in the full 180 degree rotated position.
- Constant pressure push button control with ramp up and ramp down speeds anywhere in the operating range. Reversing the dump cycle and resuming the dump cycle can be done manually at any point
- Robust “construction equipment grade” cylinders built to withstand fast dumping and shuffling speeds.
- 5 year/500,000 cycle warranty.
- Note: Warranty life is a fraction of expected life when the equipment is properly installed and maintained.

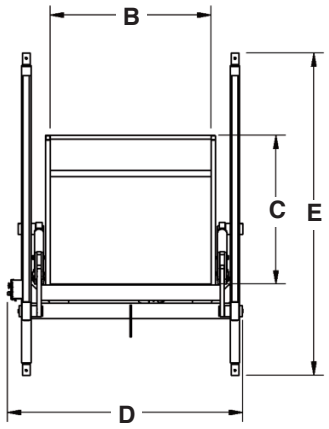
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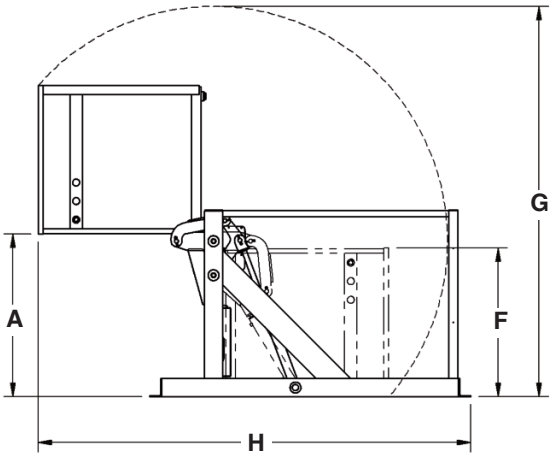
Specification Table For High Performance Dumpers

The chart below illustrates starting points. We expect that these special units will conform to specific customer bin size, dump height and capacity requirements. Payload restraints, either fixed or adjustable, are per customer requirements also.

Model	Capacity Lbs.	(A) Dump Height	(BxC) Carriage WxL	(DxE) Base WxL	Motor H.P.	Speed Sec.	(F) Carriage Height	(G) Arc Height	(H) OAL	Approx. Weight
HPDP-236-4836	2000	36	48 X 36	64 X 95	2	25	64	118	122	2190
HPDP-436-4836	4000	36	48 X 36	65 X 95	2	25	64	118	122	2290
HPDP-636-4836	6000	36	48 X 36	66 X 95	2	25	64	118	122	2390
HPDP-248-4836	2000	48	48 X 36	64 X 95	2	25	52	118	122	2190
HPDP-448-4836	4000	48	48 X 36	65 X 95	2	25	52	118	122	2290
HPDP-648-4836	6000	48	48 X 36	66 X 95	2	25	52	118	122	2390
HPDP-260-4836	2000	60	48 X 36	64 X 95	2	25	46	118	122	2190
HPDP-460-4836	4000	60	48 X 36	65 X 95	2	25	46	118	122	2290
HPDP-660-4836	6000	60	48 X 36	66 X 95	2	25	46	118	122	2390
HPDP-236-4848	2000	36	48 X 48	64 X 104	2	25	64	126	140	2310
HPDP-436-4848	4000	36	48 X 48	65 X 104	2	25	64	126	140	2410
HPDP-636-4848	6000	36	48 X 48	66 X 104	2	25	64	126	140	2510
HPDP-248-4848	2000	48	48 X 48	64 X 104	2	25	52	126	140	2310
HPDP-448-4848	4000	48	48 X 48	65 X 104	2	25	52	126	140	2410
HPDP-648-4848	6000	48	48 X 48	66 X 104	2	25	52	126	140	2510
HPDP-260-4848	2000	60	48 X 48	64 X 104	2	25	46	126	140	2310
HPDP-460-4848	4000	60	48 X 48	65 X 104	2	25	46	126	140	2410
HPDP-660-4848	6000	60	48 X 48	66 X104	2	25	46	126	140	2510
HPDP-236-5248	2000	36	52 X 48	76 X 104	2	25	64	126	140	2500
HPDP-436-5248	4000	36	52 X 48	77 X 104	2	25	64	126	140	2600
HPDP-636-5248	6000	36	52 X 48	78 X 104	2	25	64	126	140	2700
HPDP-248-5248	2000	48	52 X 48	76 X 104	2	25	52	126	140	2500
HPDP-448-5248	4000	48	52 X 48	77 X 104	2	25	52	126	140	2600
HPDP-648-5248	6000	48	52 X 48	78 X 104	2	25	52	126	140	2700
HPDP-260-5248	2000	60	52 X 48	76 X 104	2	25	46	126	140	2500
HPDP-460-5248	4000	60	52 X 48	77 X 104	2	25	46	126	140	2600
HPDP-660-5248	6000	60	52 X 48	78 X 104	2	25	46	126	140	2700

Dimension Key





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