

PRE-CRUSHERS

445XHD, 645XHD & APC Series



▶ Wastequip Pre-crushers offer extreme crushing power, with maximum force ranging from 70,000 to 141,000 pounds, making them some of the most powerful in the industry.

▶ Waste is pre-crushed in a steel chamber for greater density than standard compactors.
▶ Pre-crushers provide up to 150% more crushing power than standard compactors.

IDEAL FOR:



Wood Pallets



Metal Drums



Appliances



Furniture



Product Destruction

EXTRA-HEAVY-DUTY MODELS



445XHD-PC
(Shown with optional hopper and loading door and weather cover removed)



645XHD-PC
(Shown with optional side-fed hopper and vented weather cover)

| SPECIFICATIONS | | 445XHD-PC | 445XHD-7-PC | 645XHD-PC | 645XHD-7-PC20 | 645XHD-7-PC30 |
|-----------------------|----------------------------------|--|---|--|---|---------------|
| CHARGE BOX | Wastequip rating | 4.00 cubic yards | | 6.00 cubic yards | | |
| | Wastec rating | 2.59 cubic yards | | 4.12 cubic yards | | |
| | Clear top opening | 58.5" length x 60" width | | 60" length x 97-1/2" width | | |
| | Compactor weight with power unit | 9,200 lbs. | 10,000 lbs. | 11,900 lbs. | 12,200 lbs. | |
| RAM | Ram height | 30.50" | | 30.50" | | |
| | Ram penetration | 14.00" | | 15.00" | | |
| | Face plate | 1/2" steel with 3/4" stiffener plates | | | | |
| | Base plate | 3/8" AR plate with 3" channels at 24" spacing | | | | |
| | Top plate | 1/4" formed plate | | 1/4" formed plate with 3" channels at 12" spacing | | |
| | Side plates | 1/4" formed plate | | 1/4" formed plate | | |
| COMPACTOR HEAD | Floor | 1/2" AR plate with 4" channels at 12" spacing | | 1/2" AR plate with 4" channels at 12" spacing | | |
| | Sides | 1/4" steel plate sheets with 4" x 3" vertical tube stiffeners, 3" x 2" horizontal stiffeners | | 1/4" steel plate sheets with 4" x 3" vertical tube stiffeners, 3" x 2" horizontal stiffeners | | |
| | Breaker bar | 8" x 8", 1" angled steel | | 8" x 8", 1" angled steel | | |
| | Top deck | 11 gauge steel (standard) | | 11 gauge steel (standard) | | |
| ELECTRICAL | Electric motor | 15 hp (TEFC) | | 15 hp (ODP) | 20 hp (ODP) | 30 hp (ODP) |
| | Voltage | 208/230/460, 3-phase 60 Hz | | 208/230/460, 3-phase 60 Hz | | |
| | Power box | UL rated | | UL rated | | |
| | Automated cycle operation | Turn-key switch-ram extends, retracts & stops automatically | | Turn-key switch-ram extends, retracts & stops automatically | | |
| HYDRAULIC PERFORMANCE | Pump | 16.0 gpm | 15.0 gpm | 15.0 gpm | | |
| | Pump type | Fixed vane | | | | |
| | Hydraulic oil tank | 25-gallon reservoir | 56-gallon reservoir | 56-gallon reservoir | | |
| | Cylinder bore/rod/stroke | 6.25" bore, 4.75" rod, 80" stroke | 7.25" bore, 4.75" rod, 80" stroke | 6.00" bore, 4.50" rod, 120" stroke | 7.00" bore, 4.50" rod, 120" stroke | |
| | Normal ram face pressure | 64,400 lbs. at 2,100 psi | 82,500 lbs. at 2,000 psi | 59,300 lbs. at 2,100 psi | 80,800 lbs. at 2,100 psi | |
| | Maximum ram face pressure | 70,500 lbs. at 2,300 psi | 88,700 lbs. at 2,150 psi | 67,800 lbs. at 2,400 psi | 88,500 lbs. at 2,300 psi | |
| | Normal ram psi | 35.19 psi | 45.08 psi | 32.40 psi | 44.15 psi | |
| | Maximum ram psi | 38.52 psi | 48.47 psi | 37.05 psi | 48.36 psi | |
| | Cubic yard per hour | 164 | 163 | 252 | | |
| | Power unit location | Remote | | Remote | | |
| Cycle time | 57 seconds | | 59 seconds | | | |
| CONTAINER SPECS | Rated | 70,000 lbs. | 90,000 lbs. | 70,000 lbs. | 90,000 lbs. | |
| | Ratchet binders | 1-3/8" ratchet binders with 1" hooks standard | 1-3/4" ratchet binders with 2" hooks standard | 1-3/8" ratchet binders with 1" hooks standard | 1-3/4" ratchet binders with 2" hooks standard | |

EXTREME-DUTY MODELS



APC-526

STANDARD FEATURES FOR ALL MODELS



Close up view of tongue and groove floor and sidewall

| | SPECIFICATIONS | APC-426 | APC-526 |
|-----------------------|----------------------------------|---|--|
| CHARGE BOX | Wastequip rating | 4.00 cubic yards | 5.00 cubic yards |
| | Wastec rating | 3.49 cubic yards | 4.29 cubic yards |
| | Clear top opening | 83.5" length x 56" width | 106" length x 56.125" width |
| | Compactor weight with power unit | 17,466 lbs. | 18,855 lbs. |
| RAM | Ram height | 27" | |
| | Ram penetration | 21" | |
| | Face plate | 3/4" AR plate 42" x 58" | |
| | Base plate | 3/8" AR plate | |
| | Top plate | 3/8" AR A36 plate | |
| | Side plates | 3/8" AR A36 plate | |
| COMPACTOR HEAD | Floor | 3/4" AR plate | |
| | Sides | 3/8" AR plate | |
| | Breaker bar | 6" x 2" x 1/4" doubled with 1" x 6" x 6" angle face | |
| | Top deck | 3/8" A36 PL | |
| ELECTRICAL | Electric motor | 20 hp *30 HP option | |
| | Voltage | 208/230/460, 3 phase 60 Hz | |
| | Power box | UL rated | |
| | Automated cycle operation | Turn key switch-ram extends, retracts & stops automatically | |
| HYDRAULIC PERFORMANCE | Pump | 29 gpm | |
| | Pump type | Double vane | |
| | Hydraulic oil tank | 64-gallon reservoir | |
| | Cylinder bore/rod/stroke | (2) 6.00" bore, 4.50" rod, 116" stroke | (2) 6.00" bore, 4.50" rod, 136" stroke |
| | Normal ram face pressure | 127,200 lbs at 2,250 psi | 127,200 lbs at 2,250 psi |
| | Maximum ram face pressure | 141,400 lbs at 2,500 psi | 141,400 lbs at 2,500 psi |
| | Normal ram psi | 79.8 psi | 79.8 psi |
| | Maximum ram psi | 88.7 psi | 88.7 psi |
| | Cubic yard per hour | 116 | 161 |
| | Power unit location | Remote | |
| | Cycle time | 99 seconds | 114 seconds |
| CONTAINER SPECS | Rated | 90,000 lbs. | 90,000 lbs. |
| | Ratchet binders | 1-3/4" ratchet binders with 2" hooks standard | |

AR (abrasion-resistant) tongue and groove floor:

Limits destroyed material from becoming trapped between the ram and the floor.

AR (abrasion-resistant) tongue and groove side walls:

Limits destroyed material from becoming trapped between ram and side walls.

Fully automatic cycling:

Simply turn the key to the crush mode position for fully automatic cycling, which provides easier and more efficient operation.

Advanced PLC (Programmable Logic Controller) can be set to crush against the blade multiple times, if needed.

Full light:

Alerts operator when the container is full.

Side access panels:

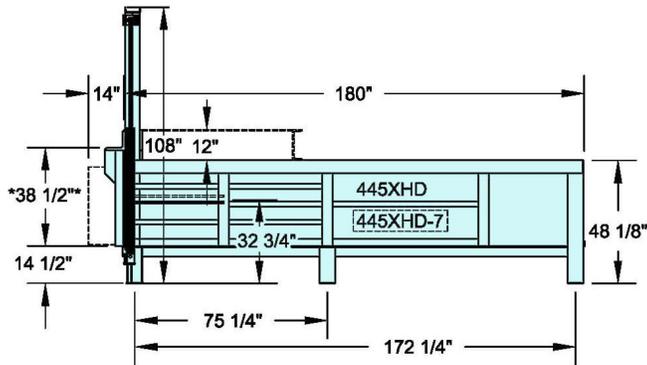
Easily removable for preventative maintenance and servicing.

NEMA 4 rated control panel:

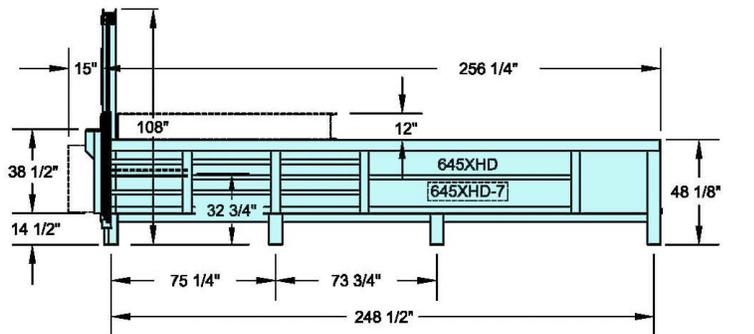
Provides additional protection against splashing water, hose-directed water, and dust.

PRE-CRUSHER DIMENSIONS

445 MODELS



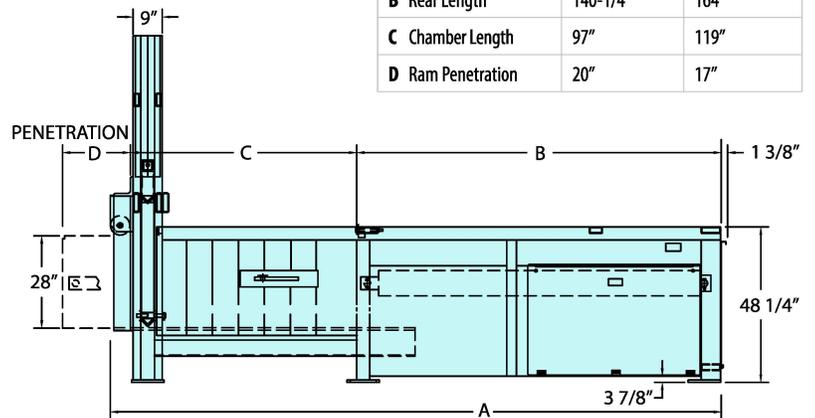
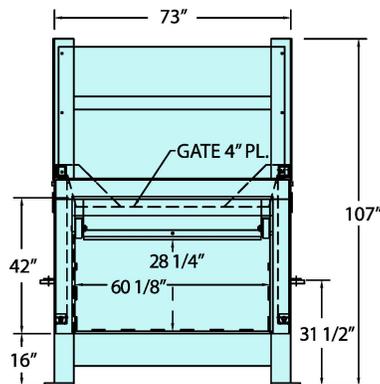
645 MODELS



* DISCHARGE OPENING O.D. *

DISCHARGE OPENING O.D.

APC MODELS



| PRE-CRUSHER MODEL | APC-426 | APC-526 |
|-------------------|----------|----------|
| A Overall Length | 242-3/4" | 289-1/4" |
| B Rear Length | 140-1/4" | 164" |
| C Chamber Length | 97" | 119" |
| D Ram Penetration | 20" | 17" |



Replacement parts available online at www.wastebuilt.com.

Standard Color Choices



Colors shown are as accurate as printing allows. The actual color is subject to variation from the printed color sample. Color choices vary by plant location. Please contact your local sales representative for available colors. Custom colors are available upon request and are subject to an additional charge.



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