

## Crush Plant - Mobile : 40 Tons per Day Item PK-6040

**Mobile crush plant processing unit built into semi-trailer. Capacity 3600 pounds per day**

The Processing unit extrudes and presses soybeans (or oilseeds) into soybean meal and oil. It is an operational self-contained unit with process controls in a 53' van trailer. It has a rated processing capacity of 3600 lbs. of soybeans per hour. The unit has 2 extruders, 2 presses, a cooling drum, roller mill, oil recycling system, oil storage tank and conveying and process control equipment. Power: 480 volt 3-phase; can use Generator or Grid power.



### Components shown here

**Semi-Trailer Modified:** 2000 Kentucky Semi Trailer, 53' step deck, outside foam insulation and sheeting

**Extruders (2):** Insta-Pro Model 2000R 4 Head and Conex Model 5000 4RC extruders (interchangeable parts), 100HP Motors, 1hp hopper feeders, control boxes, temperature probes, 1 hp VFD's



**HMI:** Multi-System Extruder Control Power Panel 10.1", HMI Touch Screen for multiple extruder monitoring & master control PLC w/Powerlink, RS232 Interfaces -Data Logging: Utilization %, AMP Loads, Overload, Throughput, Hours, E-STOP COND -Email Reports, Alarms

**Controls:** Soft Start Control Panel 100HP W/: 400 A disconnect, 225 Amp Eaton Breaker, Eaton S811+ Soft Start with DIM, Full Integration to B&R Control System, Nema 4/12 48x36x12 Enclosure



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### Components continued

**Presses (2):** 20 Ton 6 YL-165 Presses (Henan Elephant Machine) 50HP 3-phase motors, Stands, Belts, Pulleys, Guards, Meal Cutters, Updated gear boxes

**Tumble Cooler:** 4' diameter x 8' length Tumble cooler, Horizontal Product Receiver Cyclone 42" Dia. X 48" Long Inlet 6"x 15" 12" DIA. Air Out 10", Product Mac Airlock Model MD-20 8"x 8" Stainless with Drive

**Roller Mill:** Lonestar 6X8 Roller Mill

**Tank:** 1600-Gallon Poly Storage Tank

**Tank:** Custom Tank, Drive and Oil Foots Recycle System- Walder Mfg.



Qty	Description	Manufacturer
<b>CRUSH Plant - INCLUDED ASSETS</b>		
1	2000 Kentucky Semi Trailer, 53' step deck, outside foam insulation and sheeting	Kentucky
2	Insta-Pro Model 2000R 4 Head and Conex Model 5000 4RC extruders (interchangeable parts),	Insta Pro
1	Soft Start Control Panel 100HP W/: 400 A disconnect, 225 Amp Eaton Breaker, Eaton S811+ Soft Start with DIM, Full Integration to B&R Control System, Nema 4/12 48x36x12 Enclosure	Eaton
1	Multi-System Extruder Control Power Panel 10.1", HMI Touch Screen for multiple extruder monitoring & master control PLC w/Powerlink, RS232 Interfaces -Data Logging: Utilization %, AMP Loads, Overload, Throughput, Hours, E-STOP COND -Email Reports, Alarms	
2	20 Ton 6 YL-165 Presses (Henan Elephant Machine) 50HP 3-phase motors, Stands, Belts, Pulleys, Guards, Meal Cutters, Updated gear boxes	Henan
1	Tumble Cooler- 4' diameter x 8' length Tumble cooler, Horizontal Product Receiver Cyclone 42" Dia. X 48" Long Inlet 6"x 15" 12" DIA. Air Out 10", Product Mac Airlock Model MD-20 8"x 8" Stainless with Drive	Tumble
1	Lonestar 6x8 Roller Mill	Lonestar
1	Poly storage tank 1600 gallon	
1	Custom Tank, Drive and Oil Foots Recycle System- Walder Mfg.	Walder
<b>Other Assets Available - not part of PK-6040</b> <b>sold separately</b>		
1	<b>Diesel Generator 400kw.</b> Caterpillar 3412. 1982- 400KW, 620 hp at 1800 rpm, 3/60/277/480V, 10 lead reconnectable to other voltages. 800Amp main-line circuit breaker, Dual coolant heaters, Open power unit with engine driven radiator, mounted on a 1995 Redi trailer VIN #: 47SF252T6S1010024, and 500 gallon fuel tank.	Caterpillar
1	<b>Poly Tank.</b> Liquid Storage Tank - 3250 Gallon Poly Free Standing Tank,	3,250 gallon
1	<b>Tanker Trailer Semi.</b> 81 TEC, 6700 Gallon Stainless Steel Tank Trailer	TEC 1981
1	<b>Hammer Mill.</b> Ross Hammer Mill -18" Wide x 10" Dia. 25HP, 5.5" x 4" Inlet	Ross

**Terms:** All equipment is sold As Is Where Is, Subject to prior sale and availability. All quotes are in US Dollars unless specifically noted otherwise. Description of the equipment - especially those relating to capacity, size, or condition - are stated as clearly as possible for information to the buyer or observer. The descriptions and representations cannot be taken as accurate. The buyer has the sole responsibility to determine size, capacity, capability, suitability, condition, or any other attribute pertaining to the piece of equipment represented or purchased. The assets are sold "As Is", "Where Is" and "with all faults" and except as explicitly stated in the Contract for Purchase. All warranties, including, without limitation, the warranties of merchantability, quality, and fitness for a particular purpose are hereby expressly excluded. Seller makes no representations or warranties as to design, condition, capacity, performance, or any other aspect of the asset.