

1400-45

High-Production Primary/Secondary Crushing

Delivering capacities unmatched by any comparable portable crushing plant on the market, the UltraMax® 1400-45 easily replaces dual crusher circuits without sacrificing productivity. With a lower initial investment and overall operating costs, the UltraMax 1400-45 produces uniform, cubical spec product at lower costs per ton. The exclusive blow bar metallurgy of the UM 1400-45's solid-steel, 3-bar rotor offers longer wear life even in the hardest recycle or aggregate feed material applications, while delivering reduction ratios in excess of 24:1.

1400-45 QuikSpecs®

- Primary/secondary crushing capabilities eliminate the expense of jaw/jaw or jaw/cone crusher circuits
- Standard operation as an open-circuit crushing system
- Optional screening plant and stacking conveyors enable closed-circuit production of 3 spec products simultaneously
- Powerful 510 HP diesel engine with 175 kW generator allows operation of optional equipment without an additional power source
- Produces a uniform, cubical spec product that meets Superpave specifications
- Hydraulic lift/leveling system reduces transport time
- 19-cubic yard feed hopper with 5' tapered step grizzly bar
- Adjustable primary and secondary curtains for precise product gradation control
- Hydraulic-opening impactor housing offers unobstructed access to crushing chamber and secondary curtain adjustment
- Remote operator's station mounted on operator's platform



UltraMax® 1400-45



“We are making a spec product with our UltraMax® 1400-45 that’s more of a chip product than what we could do with a jaw/cone combination.”

Carver Larroway, Owner
Carver Sand and Gravel

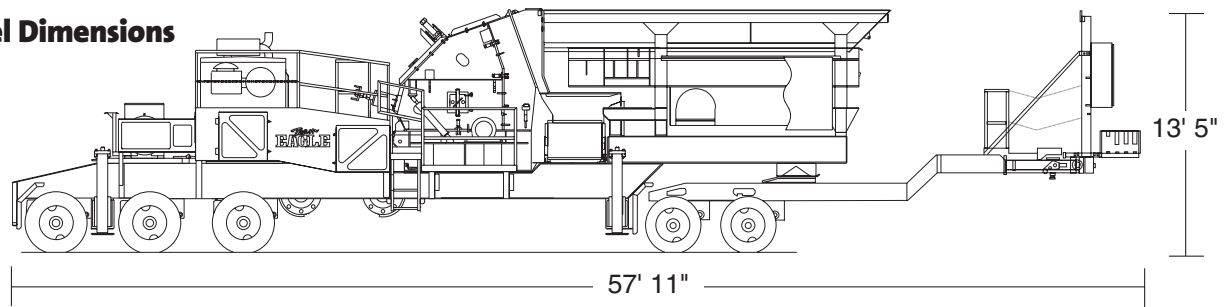


ULTRAMAX® IMPACTORS

Product Specification Sheet
1400-45 Portable Plant Specifications

EAGLE CRUSHER
 COMPANY, INCORPORATED

1400-45 Travel Dimensions



1400-45 Portable Plant Specifications*

Impactor	3-Stage UltraMax® UM45
Impactor Weight	38,700 lbs.
Plant Weight	110,000 lbs.
Travel Width	11' 11"
Rotor Diameter and Width	50" x 56"
Feed Opening	56" x 35"
Vibrating Grizzly Feeder Dimensions	18' x 57"
Feed Hopper Capacity	19 cubic yards/25 tons
Grizzly Bars	Two-step, 30" long bars with various spacing
Discharge System	42" wide conveyor
On-Plant Power Supply	510 HP diesel engine and 175 kW generator
Hydraulic Lift/Leveling System	On-board, gas-powered; also used for secondary curtain settings and crushing chamber access.

1400-45 Optional Closed-Circuit operation

Screening Plant	Horizontal 6' x 20' triple-deck
Return Conveyor	30" x 50' chevron-cleated conveyor from screening plant to feed hopper
Stockpiling Conveyors	Three (3) 30" x 50' smooth belt conveyors

* Design specifications subject to change without notice.

UltraMax® Impactor Models and Specifications

UM69	56 x 68	69 x 42	400-600	60,200
UM45	50 x 56	56 x 35	300-400	38,700
UM25	47 x 47	48 x 34	150-300	32,500
UM15	44 x 41	42 x 32	150-200	27,500
UM05	40 x 33	33 x 32	75-150	19,500
UM04	40 x 29	27 x 32	60-100	16,600
	Diameter x Width	Width x Height		
Model	Rotor (Inches)	Feed Opening (Inches)	Power Required (HP)	Approx. Weight (Lbs)

ATTENTION: Eagle Crusher Company designs a range of impactors. The capacities vary based on feed size, feed rate, physical characteristics of feed material, environmental conditions, operator training and proficiency, blow bar gap settings, and conditions of wear parts.

Aggregate • Sand & Gravel • C&D Debris • Recycle Concrete • Recycle Asphalt
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