

*Eagle UltraMax 1200
Crusher*

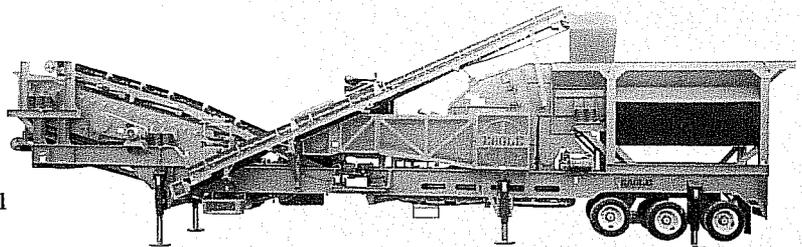
1200-25CC

Portability and Production in One Package

As the most portable, high-production unit on the market today, the UltraMax® 1200-25CC replaces less portable dual-crusher circuits for a far lower initial investment. The self-contained UltraMax 1200-25CC features an on-plant double-deck screen to produce 2 cubical spec products at the same time. The crusher's UM25 impactor includes a solid-steel, 3-bar rotor to efficiently crush concrete, asphalt, shot rock, limestone, and sand & gravel with reduction ratios up to 24:1.

1200-25CC *QuikSpecs*®

- Replaces jaw/cone crusher circuits for a lower initial investment and greatly reduced maintenance costs
- Hydraulic lift/leveling system and retractable side return conveyor offer unmatched portability
- 3-stage crushing action delivers reduction ratios up to 24:1
- Backed by the industry's first 5-year rotor guarantee
- 17-cubic yard feed hopper easily accepts material from 5-yard loader buckets or excavator
- Adjustable primary and secondary curtains allow precise product gradation control
- 5' x 16' integral double-deck screen provides simultaneous production of 2 cubical spec products
- Hydraulic-opening impactor housing offers unobstructed access to crushing chamber and secondary curtain adjustment
- Remote operator's station mounted on operator's platform



UltraMax® 1200-25CC



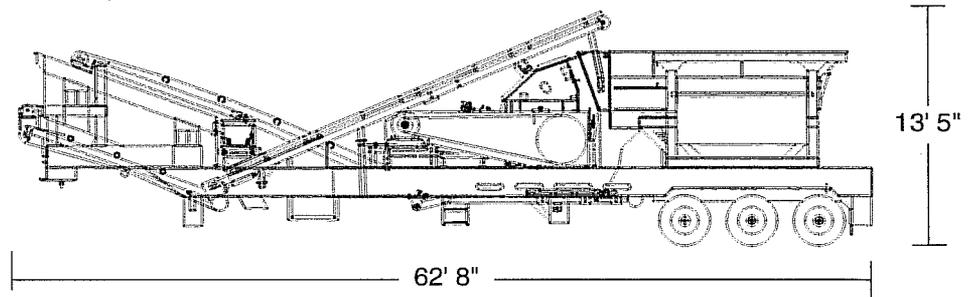
“We needed a plant that’s capable of crushing on almost any size job and in any aggregate or recycle application. The portability and the versatility of the Eagle plant allows us to move in quickly and do the job.”

Joe Winiger, Manager
Rogers Recycling Company, LLC



ULTRAMAX® IMPACTORS

1200-25CC Travel Dimensions



1200-25CC Portable Plant Specifications*

Impactor	3-stage UltraMax® UM25
Impactor Weight	32,500 lbs.
Plant Weight	120,600 lbs.
Travel Width	11' 11"
Rotor Diameter & Width	47" x 47"
Feed Opening	48" x 34"
Vibrating Grizzly Feeder Dimensions	18' x 45.5"
Feed Hopper Capacity	17 cubic yards/23 tons
Grizzly Bars	Two-step, 30" long bars
On-Plant Screen	Inclined 5' x 16' double-deck
Discharge System	42" wide conveyor to screen
On-Plant Power Supply	325 HP or 335 HP diesel engine and 100kW generator (optional 430 HP 175kW)
Hydraulic Lift/Leveling System	On-board, gas-powered; also used for secondary curtain settings and crushing chamber access

*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.

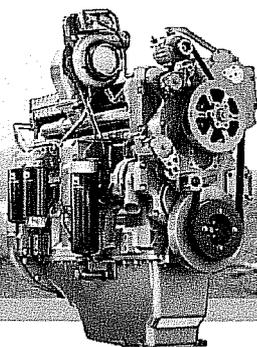


JOHN DEERE

PowerTech™ Plus

6135H Diesel Engine

Specifications



6135HF Engine shown

General Data

Model.....	6135HF485	Aspiration.....	Air-to-Air
Number of cylinders.....	6	Length-- mm (in).....	1334 (52.5)
Displacement-- L (cu in).....	13.5 (824)	Width-- mm (in).....	855 (33.7)
Bore and Stroke-- mm (in).....	132 x 165 (5.20 x 6.50)	Height-- mm (in).....	1512 (59.5)
Compression Ratio.....	16.0:1	Weight, dry-- kg (lb).....	1493 (3291)
Engine Type.....	In-line, 4-Cycle		

Rated BHP is the power rating for variable speed and load applications where full power is required intermittently.

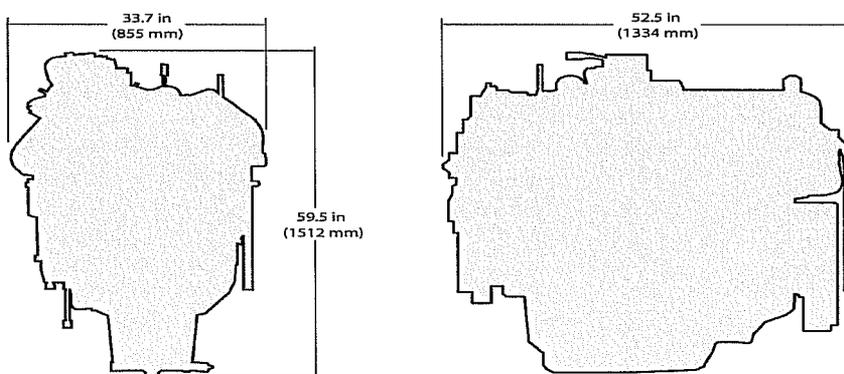
Continuous BHP is the power rating for applications operating under a constant load and speed for long periods of time.

Heavy duty - see application ratings/definitions, engine performance curves. Power output is within + or - 5% at standard SAE J 1995 and ISO 3046.

Certifications

- CARB
- EPA Tier 3
- EU Stage III A

Dimensions



Performance data

Rated Speed

Intermittent 298 kW (400 hp) @ 2100 rpm

Peak power

Power bulge % 354 kW (475 hp) @ 2000 rpm

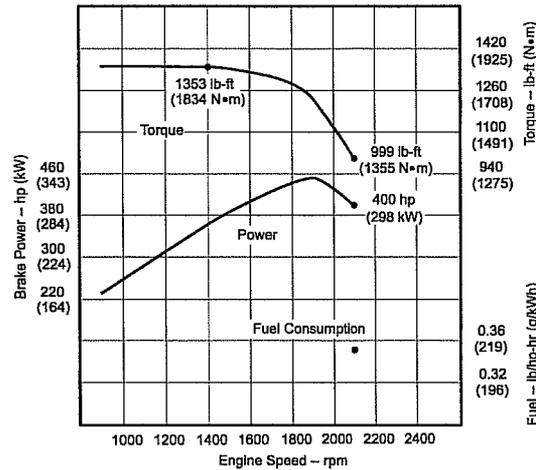
13% @ 1900 rpm

Peak torque

Torque Rise % 1834 N-m (1353 ft-lb) @ 1400 rpm

35% @ 1400 rpm

Performance curve



Features and Benefits

4-Valve Cylinder Head

- Provides excellent airflow resulting in greater low speed torque and better transient response. Cross flow design.

Electronic Unit Injector (EUI) and Engine Control Unit (ECU)

- The EUI fuel system provides variable common-rail pressure, multiple injections, and higher injection pressures, up to 2000 bar (29,000 psi). It also controls fuel injection timing and provides precise control for start, duration, and end of injection

Cooled Exhaust Gas Recirculation (EGR)

- EGR cools and mixes measured amounts of cooled exhaust gas with incoming fresh air to lower peak combustion temperatures, thereby reducing NOx

Variable Geometry Turbocharger (VGT)

- Varies exhaust pressure based on load and speed to insure proper EGR flow; greater low-speed torque, quicker transient response, higher peak torque, and best-in-class fuel economy.

Air-to-Air Aftercooled

- This is the most efficient method of cooling intake air to help reduce engine emissions while maintaining low-speed torque, transient response time, and peak torque. It enables an engine to meet emissions regulations with better fuel economy and the lowest installed costs

Compact Size

- Horsepower/displacement ratio is best-in-class
- Lower installed cost
- Mounting points are the same as Tier 2/Stage II engine models

Engine Performance

- Multiple rated speeds to further reduce noise and improve fuel economy
- New higher peak torque ratings
- Better transient response time
- Greater levels of low speed torque
- Higher levels of power bulge

John Deere Electronic Engine Controls

- Electronic engine controls monitor critical engine functions, providing warning and/or shutdown to prevent costly engine repairs and eliminate the need for add-on governing components all lowering total installed costs. Snapshot diagnostic data that can be retrieved using commonly available diagnostic service tools
- Controls utilize new common wiring interface connector for vehicles or available OEM instrumentation packages; new solid conduit and "T" connectors to reduce wiring stress and provide greater durability and improved appearance
- Factory-installed, engine mounted ECU or remote-mounted ECU comes with wiring harness and associated components. Industry-standard SAE J1939 interface communicates with other vehicle systems, eliminating redundant sensors and reducing vehicle installed cost

Additional Features

- Gear-driven auxiliary drives; 500-hour oil change; self-adjusting poly-vee fan drive; R.H. and L.H. engine-mounted fuel filters; single-piece low friction piston; optional rear PTO; low-pressure fuel system with "auto-prime" feature; directed top-liner cooling



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