

# PRODUCT SPECIFICATIONS FOR 7395



## DIMENSIONS

**Dipper Payload** 64 t

**Dipper Capacity** 20.6-55.8 m<sup>3</sup> (27-73 yd<sup>3</sup>)

**Note** Dependent on application and material density.

## WEIGHTS

**Working Weight - With Dipper and Standard Links** 1202927 kg

**Ballast - Furnished By Customer** 260362 kg

**Note (1)** These weights will vary slightly depending upon dipper and optional equipment selection.

**Note (2)** All specifications are based on a 24 m<sup>3</sup> (32 yd<sup>3</sup>) dipper and standard 213.4 cm (84 in) treads.

## MAIN STRUCTURES

**Ground Bearing Pressure - 274.3 cm (108 in) Treads** 296 kPa

**Planetary Propel** Dual-motor independent drive.

**Crawler Dimensions - Overall Width 213.4 cm (84 in) Treads, Standard** 10 m

**Ground Bearing Pressure - Total Effective Bearing Area (2)** 41 m<sup>2</sup>

**Ground Bearing Pressure** Ground bearing pressure is dependent upon many factors.

**Ground Bearing Pressure - Total Effective Bearing Area (1)** 32 m<sup>2</sup>

**Upper Works Overall Width - Including Standard Walkways** 13.5 m

**Crawler Dimensions - Overall Width 274.3 cm (108 in) Treads** 10.6 m

**Ground Bearing Pressure - 213.4 cm (84 in) Treads - Standard** 371 kPa

**Swing** Two planetary gearboxes, each driven by a vertically mounted motor, are located on either side of the revolving frame. Dual-output pinion shafts from each gearbox engage the swing rack.

**Hoist** A planetary gearbox with dual-output pinions provides the hoist torque transfer from the electric motor to the hoist drum gear.

## OPTIMAL WORKING RANGES\*

**Cutting Height - Maximum** 14.9 m

**Dumping Height - With Clearance to Open Dipper Door** 9.4 m

**Cutting Radius - Maximum** 22.8 m

**Radius of Level Floor** 16 m

**Revolving Frame Tail Swing Radius** 9.3 m

**Note (1)** Optimal working ranges based on loading a Cat® 793F truck.

**Note (2)** \*All specifications are based on a 24 m<sup>3</sup> (32 yd<sup>3</sup>) dipper and standard 213.4 cm (84 in) treads.

## LUBE SYSTEM

**Type** Automatic, single-line system for open gear lubricant and grease.

**Components (1)** 6 pumps (4 for open gear lubricant and 2 for grease) located in an insulated, heated, double-walled lube room.

Components (2) External fast fill from lower level.

## ELECTRICAL

Drive	IGBT Acutrol drive system.
Power Requirements - Peak power	3106 kW
Power Requirements - Voltage	3 phase, 50/60 Hz, 7,200V
Power Requirements - Average Power Demand	777-1087 kW (1,042-1,458 hp)
Power Requirements - 60 Hz	7,200V
Power Requirements - 50 Hz	6,000V, 6,600V, 7,200V, 11,000V
Note	Other voltages available to suit customer requirements.

## FRONT END

Rope Data - Crowd - Diameter	64 mm
Rope Data - Dipper Trip - Diameter	16 mm
Rope Data - Hoist - Diameter	70 mm
Rope Data - Boom Suspension - Diameter	83 mm
Rope Data - Crowd - No.	1
Rope Data - Retract - No.	1

**Rope Data - Dipper Trip  
- No.** 1

**Components** One piece, forged, seamless tubular dipper handle and wide-spread boom point sheaves equipped with hoist ropes and dipper padlocks to stabilize dipper handle.

**Rope Data - Boom  
Suspension - No.** 4

**Crowd** Rope Crowd: the crowd machinery is located at the front center of the revolving frame; consisting of a motor, brake, drum and gearing. Plastic-impregnated crowd and retract ropes are used to move the dipper handle fore and aft.

**Rope Data - Hoist - No.** 2

**Rope Data - Retract -  
Diameter** 64 mm

**Note** High impact ropes available as an option