

COLT 800

SCALPING SCREEN

TECHNICAL
SPECIFICATION



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OVERVIEW

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HOPPER

- 2.9m³ (3.8 yd³) Hopper Capacity
- 1050mm (42") wide
- Variable speed

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SCREEN

- 2.77m x 1.22m (9' x 4') Double deck screen
- Variable speed and stroke
- Fixed screen angle
- Wide range of screen media
- Top Deck - Bofor Deck, Fingers, Punch Plate, 3D Punch Plate & Mesh
- Bottom Deck - Mesh & Fingers
- Rubber screen blanket (optional)

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CONVEYORS

- 650mm (26") Wide fines conveyor with 3.82m (12' 7") discharge
- 650mm (26") Wide midgrade conveyor with 3.64m (11'11") discharge
- 1050mm (42") Wide oversize conveyor with 3.03m (9' 11") discharge
- 1050mm (42") wide collection conveyor with SCS scraper

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ENGINE OPTIONS

- Tier 3: Deutz TD2011 L04I - 49.4kW (66hp) @ 2300 RPM.
- Tier 4F / Stage IV: CAT 3.4 55kW (74hp) @ 2300rpm
- Simple to operate

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CONTROL SYSTEM

- Simple intuitive operation


**VARIABLE SPEED ON
FEEDER, FINES, MIDGRADE
AND OVERSIZE AS
STANDARD**


**UP TO
280
TONNES PER HOUR
(308 US TPH)**



FEEDER

**Heavy duty belt feeder,
high torque gearbox and
motor drive:**

- 1050mm (42") wide 4 ply Plain belt
- Variable speed control
- Supergrip drive drum standard
- Heavy duty impact bars and rollers supporting belt



HOPPER

2.9m³ (3.8 yd³) hopper mounted on heavy duty belt feeder including:

- 4.7m³ (6.1 yd³) Extended hopper capacity (option)
- Folding rear hopper door for direct feeding
- 3.09m (10'1") feed-in height



SCREENBOX

Heavy Duty 2.77m x 1.22m (9' x 4') Double deck screen providing:

- Aggressive performance to tackle most rugged applications.
- A comprehensive variety of media options (mesh, punch plate, finger tines, 3D punch plate, bofors and Screen blanket to control material progress at steeper screening angles.
- Fixed screen angle: 14 degrees
- Side tensioned top and end tensioned bottom deck



CONVEYORS

FINES CONVEYOR

650mm (26") wide fines 3 ply belt which includes:

- Stockpile height 3.82m (12'7")
- Hydraulically folding
- Fixed angle 25 degrees
- Chevron or Plain belts available
- Variable speed control



CONVEYORS

MID-GRADE CONVEYOR

**650mm (26") wide mid-grade 3 ply belt
which includes:**

- 3.64m (11' 11") discharge height
- Hydraulically folding
- Chevron or Plain belts available
- Variable Speed control to manage larger pieces or prevent roll-back.
- Fixed angle 25 degrees



COLLECTION

COLLECTION CONVEYOR

- 1050mm (41") wide 3 ply belt
- Premium head drum scraper (tear drop)



CONVEYORS

OVERSIZE CONVEYOR

1050mm (41") wide 3 ply chevron belt featuring:

- 3.03m (9' 11") discharge height
- Impact slips along full length of conveyor
- Hydraulic combined slide out and fold mechanism
- Variable Speed control
- Fixed angle 23 degrees



POWER UNIT

User-friendly powerunit including:

- Tier 3: Deutz TD2011 L014 - 49.4kW (66hp) @ 2300rpm
- Tier 4F / Stage IV: CAT 3.4 55kW (74hp) @ 2300rpm
- Simple and familiar controls
- Common componentry and service items
- Diesel tank capacity 145ltr (38 US Gal)
- Hydraulic tank capacity 500ltr (132 USGal)



TRACKS

- Track width 400mm (16")
- Max speed 1.3km/h
- Total flow per track 60LPM
- Dual speed option



OPTIONS

CONVEYOR OPTIONS

- Chevron belt for Fines and mid-fines conveyors

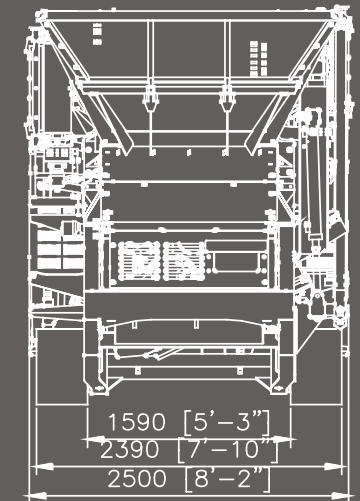
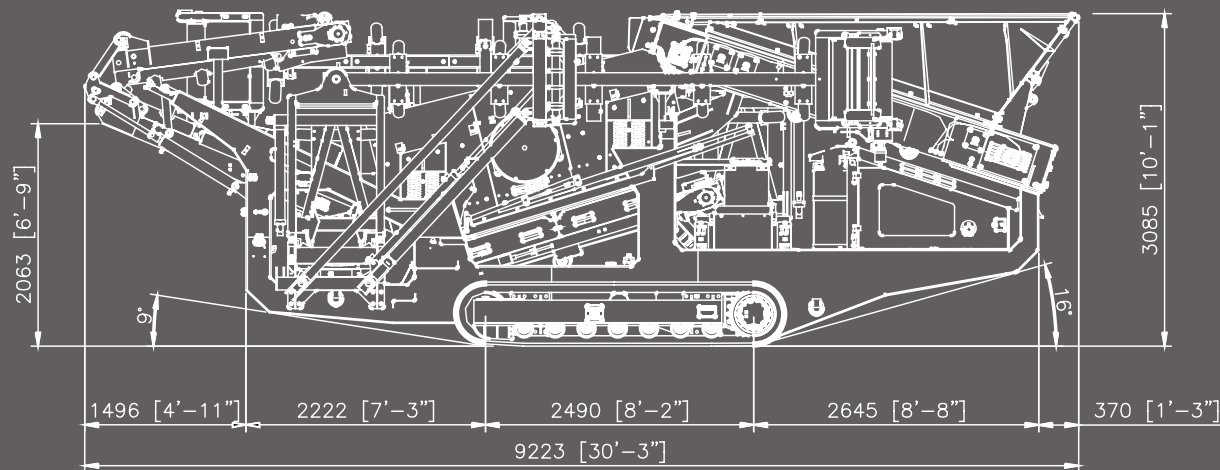
OTHER OPTIONS

- Quick release wedge screen tensioning system (side tensioned only)
- Telemetry
- Auto lube system
- Crawler track with radio control system, 2V battery charger & mains charger
- Hot / Cold Climate oils
- Screen blanket for material retardation
- Wide range of screen media
- Different coloured machine
- Full length hopper extensions
- Walkways (fixed non-drive side and sliding drive side)

WEIGHTS & DIMENSIONS

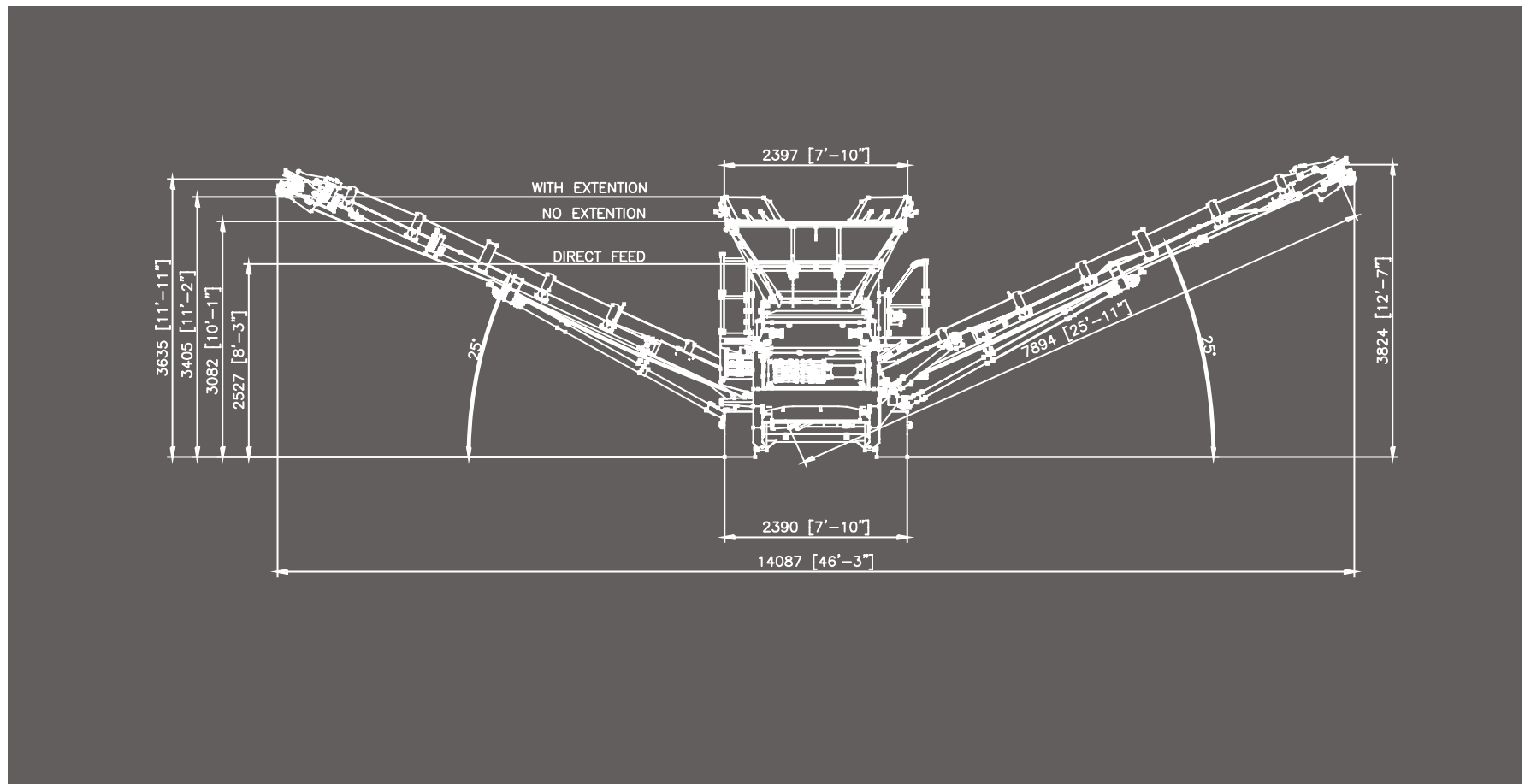
TRANSPORT

Length: 9.22m (30' 3") **Width:** 2.5m (8' 2") **Height:** 3.09m (10' 1") **Weight:** (standard machine) 16,700kgs (3,6817 lbs)



WEIGHTS & DIMENSIONS

WORKING



GALLERY & MEDIA



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