EVOQUIP
A TEREX BRAND



COLT 600
SCALPING SCREEN

TECHNICAL
SPECIFICATION

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OVERVIEW

1

HOPPER

- 3.0m³ (3.9 yd³) Hopper Capacity
- 1000mm (40") wide
- Variable speed

2

SCREEN

- 2.34m x 1.17m (8' x 4') Double deck screen
- Variable 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)

3

CONVEYORS

- 650mm (26") Wide fines conveyor with 2.9m (9'6") discharge
- 650mm (26") Wide midgrade conveyor with 2.8m (9'2") discharge
- 1000mm 40" Wide oversize conveyor with 2.7m (8'10") discharge
- Ability to convert to 2 way split

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ENGINE OPTIONS

- Tier 3: Caterpillar C2.2 43 kW mechanical engine
- Tier 4F/Stage V: Caterpillar C2.2 55 kW
- Simple to operate

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CONTROL SYSTEM

- Simple intuitive operation



VARIABLE SPEED ON FEEDER, 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:

- 1000mm (40") wide 4 ply Plain belt
- Variable speed control
- Supergrip drive drum standard



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HOPPER

3m³ (3.9 yd³) hopper mounted on heavy duty belt feeder including:

- Folding rear hopper door for direct feeding
- 3.18m (10'5") feed-in height



SCREENBOX

Heavy Duty 2.34m x 1.17m (8' 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



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CONVEYORS

FINES CONVEYOR

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

- Stockpile height 2.9m (9' 6")
- Folding feedboot
- Hydraulically folding
- Variable angle 18 - 25 degrees
- Chevron or Plain belts available



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CONVEYORS

MID-GRADE CONVEYOR

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

- 2.8m (9' 2") discharge height
- Hydraulically folding
- Chevron or Plain belts available
- Variable Speed control to manage larger pieces or prevent roll-back.
- Variable angle 18 - 25 degrees



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CONVEYORS

OVERSIZE CONVEYOR

1000mm (40") wide 3 ply chevron belt featuring:

- 2.7m (8' 10") discharge height
- Impact slips along feedboot
- Hydraulic adjustment for two way split conversion
- Variable Speed control
- Fixed angle 20 degrees



POWER UNIT

User-friendly powerunit including:

- Tier 3: Caterpillar C2.2 43 kW mechanical engine
- Tier 4F/Stage V: Caterpillar C2.2 55 kW
- Simple and familiar controls
- Common componentry and service items
- Diesel tank capacity 145ltr (38 US Gal)
- Hydraulic tank capacity 250ltr (66 US Gal)



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DUAL POWER OPTION

ELECTRiC

Dual Power option

- When processing the plant can be powered by onboard engine or by an external electrical power source
- 1 x 37 kW IE3 electric motor with hydraulic gear pump
- Power safe connectors
- Voltage supply options -
  - Voltage supply: 400V - 415V @ 50 Hz
  - Voltage supply: 480V - 500V @ 60 Hz



Benefits of Electric

- Can run off the mains supply
- Zero emissions when running off mains
- Reduced noise pollution
- Lower maintenance

TRACKS

- Track width 300mm (12")
- Max speed 1.8km/h
- Total flow per track 60LPM
- Dual speed option



OPTIONS

CONVEYOR OPTIONS

- Chevron belt for Fines and mid-fines conveyors
- Conveyor removed – 2 way split
- Hydraulic folding tail conveyor

OTHER OPTIONS

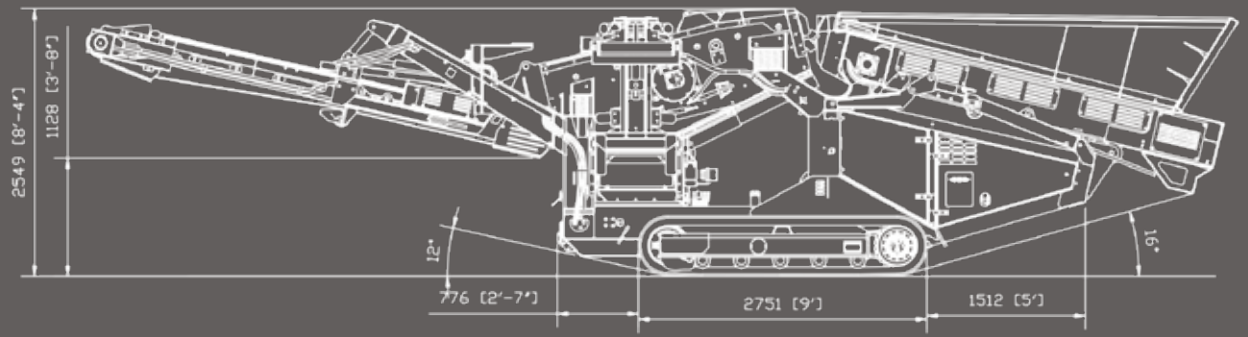
- Quick release wedge screen tensioning system (side tensioned only)
- Telemetry
- Auto lube system
- Crawler track with radio control system, 2V battery charger & mains charger
- Hot / Cold Climate oils
- Screen blanket for material retardation
- Wide range of screen media
- Different coloured machine

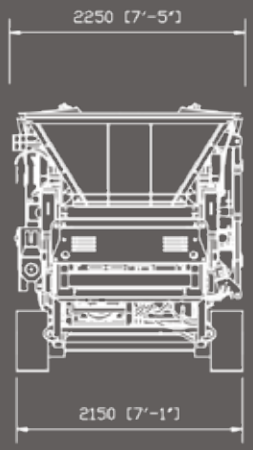
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WEIGHTS & DIMENSIONS

TRANSPORT

Length: 10.98m (36') **Width**: 2.25m (7' 5") **Height**: 2.55m (8' 4") **Weight**: (standard machine) 12,000kgs (26,455 lbs)

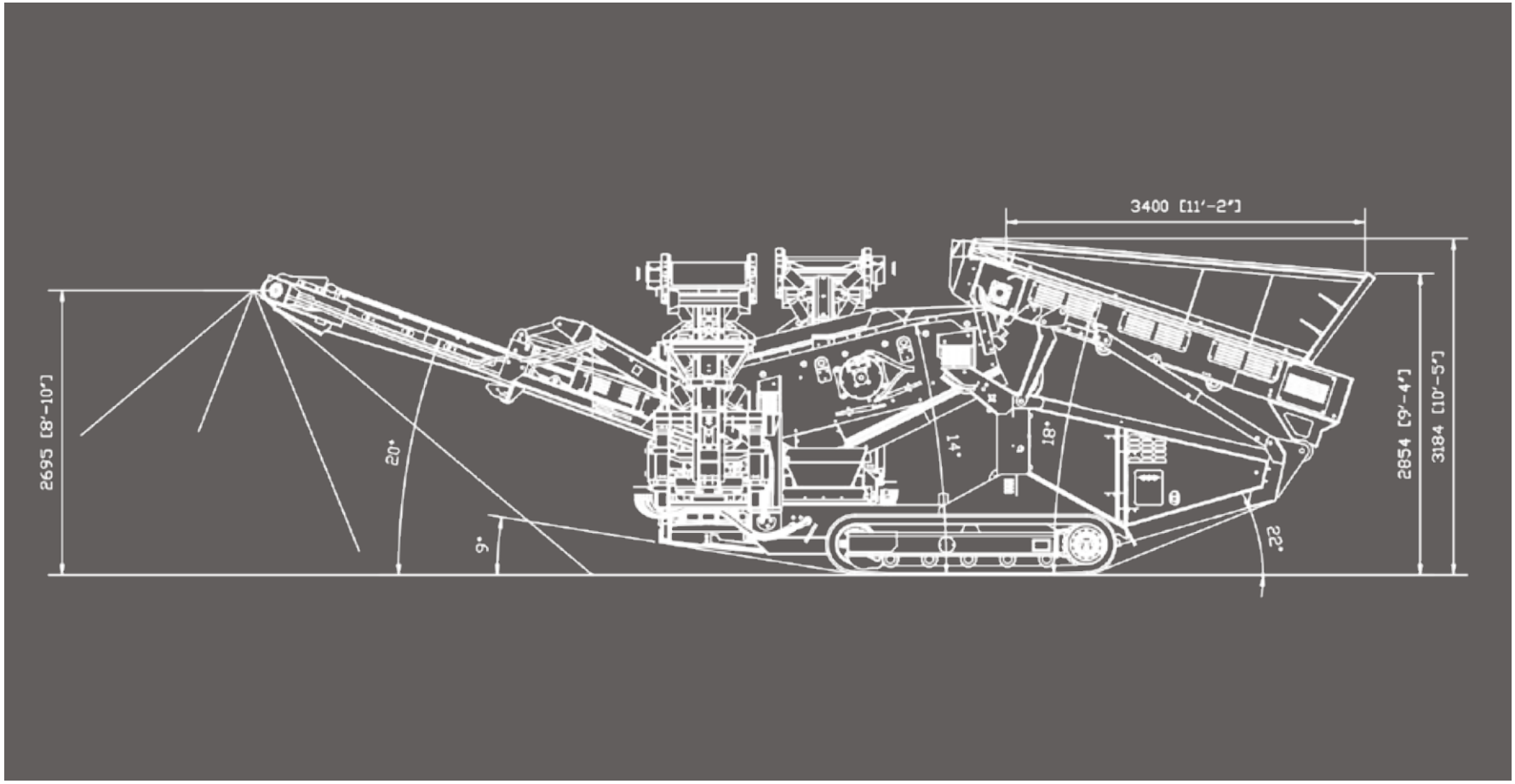




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WEIGHTS & DIMENSIONS

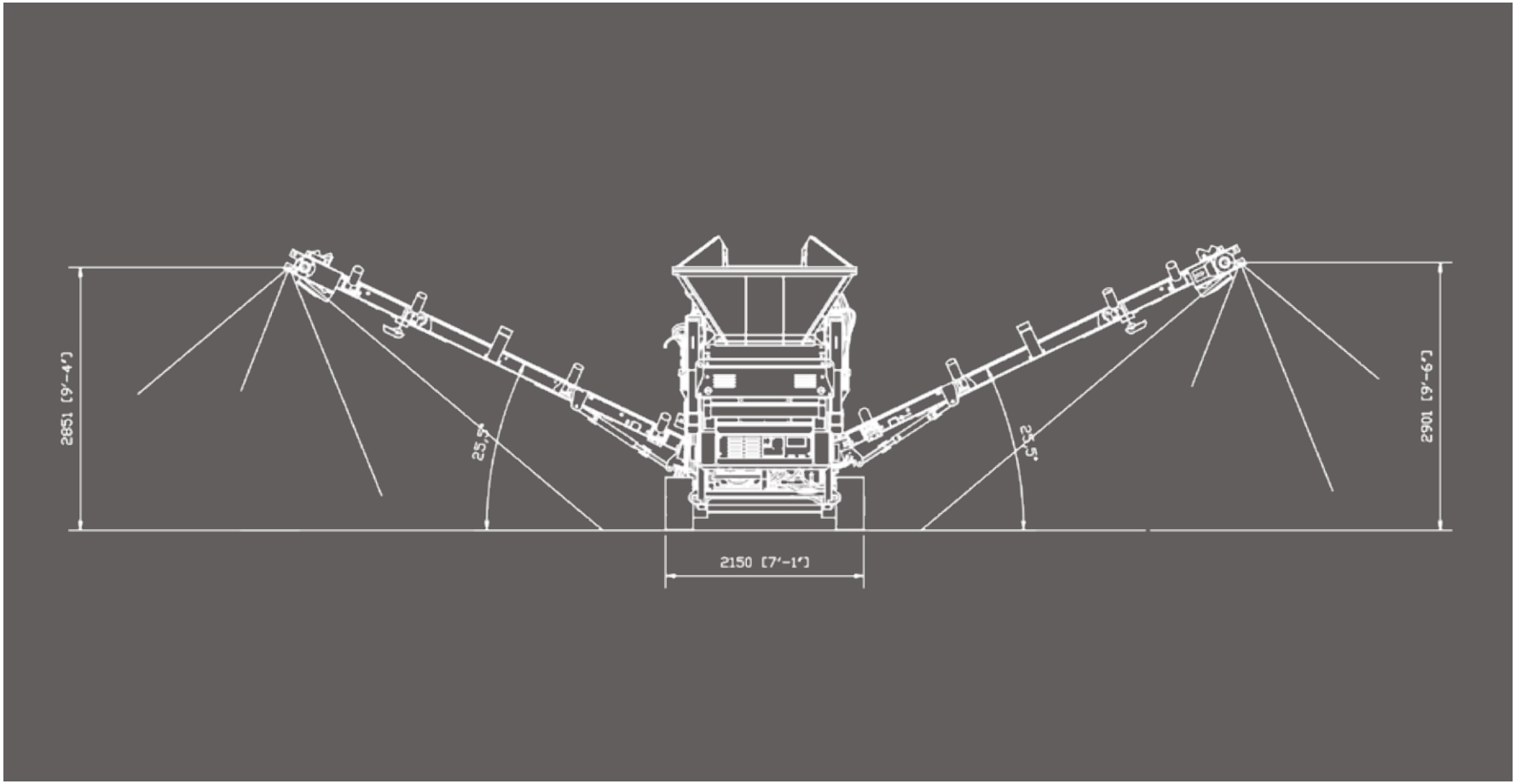
WORKING



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WEIGHTS & DIMENSIONS

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