



Technical Specification



ANACONDA[®]
C12R



OVERVIEW:

- ⇒ Heavy duty tracked cone crusher
- ⇒ Compact design for ease of transport and tracking
- ⇒ Double deck afterscreen
- ⇒ FLSmith Raptor R250 cone
- ⇒ Unrivalled access from ground level
- ⇒ Scheduled pre heat system
- ⇒ Setup in under 5 min
- ⇒ Excellent clearance under crusher

TRANSPORT DIMENSIONS:

Length – 18.5M (60'-8")

Height – 3.4M (11'-2")

Width – 3.57M (11'-9")

Weight – 40 ton (estimated)

FEEDER

Belt width - 1050mm (48")

Drive - hydraulic drive – 25:1 gearbox

Speed adjustable - Yes

Hydraulic folding extensions – Yes

Metal detector – Yes twin coil

Max width - 3670mm (12')

Volume - 6.3m³ (8.24 yd³)

Liners – 10mm (3/8") wearplate



CHAMBER

Brand – FLSmidth Raptor R250

Power required – 250hp

Min CSS – 6MM (1/ 4")

Max feed – 235mm (9 1/4")

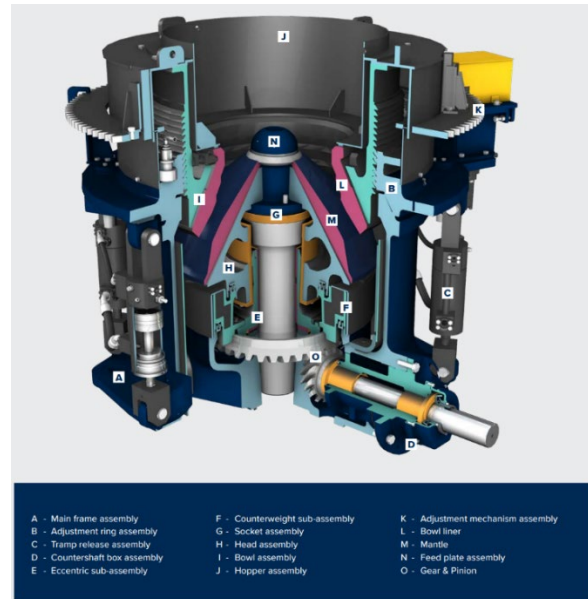
Chamber weight – 9000kg

Drive – Direct drive via engine/ clutch

Material monitoring – Ultrasonic

Throw – 89mm (3 1/2")

CSS Adjustment – Hydraulic



Closed Side Settings (CSS)										
Model:		10mm (3/8")	13mm (1/2")	16mm (5/8")	19mm (3/4")	22mm (7/8")	25mm (1")	32mm (1 1/4")	38mm (1 1/2")	45mm (1 3/4")
Raptor 250	mtph:	120-150	140-180	170-210	180-225	190-240	210-260	220-280	240-290	260-310
	stph:	130-165	155-200	190-230	200-250	210-265	230-290	245-310	265-320	290-340

Crusher Chamber Selection					
Model:	Cavity:	Short Head		Standard	
		Minimum Setting CSS mm (in)	Maximum Feed Opening mm (in)	Minimum Setting CSS mm (in)	Maximum Feed Opening mm (in)
Raptor 250	Fine:	6mm (1/4")	175mm (6 7/8")	13mm (1/2")	180mm (7 1/16")
	Medium:	8mm (5/16")	195mm (7 2/3")	16mm (5/8")	200mm (7 7/8")
	Coarse:	10mm (3/8")	200mm (7 7/8")	19 mm (3/4")	235mm (9 1/4")

MAIN CONVEYOR

Discharge height – 3.8m (12'-6")

Belt width – 1050mm (4')

Drive – Hydraulic

Belt – 500/ 3 8+2

External belt adjustment – Yes



POWERUNIT

Engine – CAT 9.3B or CUMMINGS L9

Rating – Upto 415hp (310kw)

Compliance – LRC or Stage V

Engine speed – 1600-1900rpm

Pumps – Hydraulic piston pumps

Clutch – Ptech HPTO Dry 12

Hydraulic tank – 500L (132 gal)

Diesel tank – 410L (108 gal)

AFTERSCREEN

Top deck - 12'x 5' (3.7x1.5M)

Bottom deck - 12'x 5' (3.7x1.5M)

Radial return conveyor – Yes

Recirc both decks – Yes

Quick disconnect function - Yes

TRACKS

Shoe width – 400mm (15 ¾")

Speed – 3 speeds selected on panel

Length Centres - 3.8M (12'-6")

ELECTRICS

Panel – 7" colour display

E-Stops – 5 off

Siren – 2 off

Bacon – 2 off

Service lights – 2 off (powerunit)

Radio control – 1 wired, 1 wireless



OPTIONS

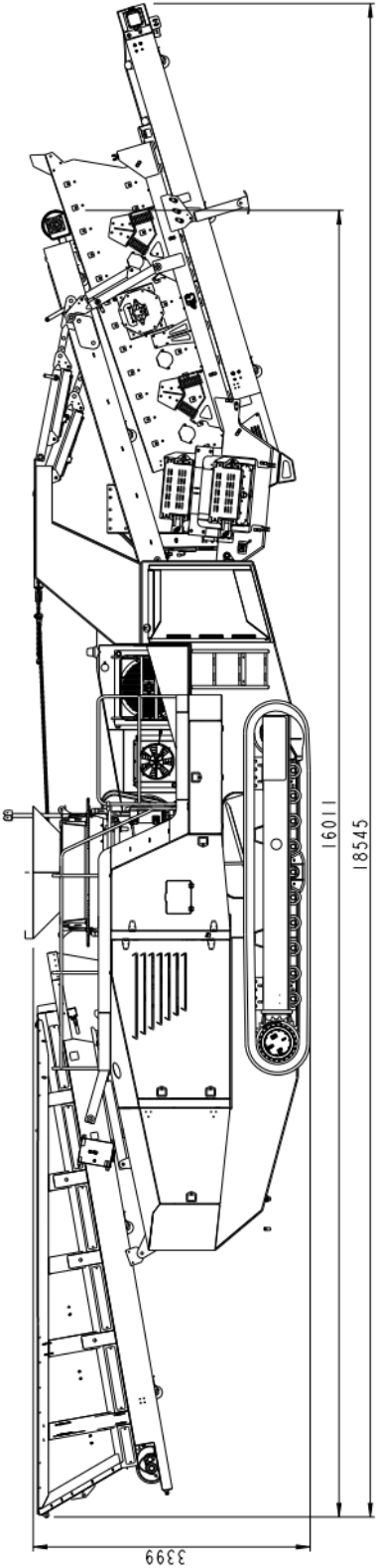
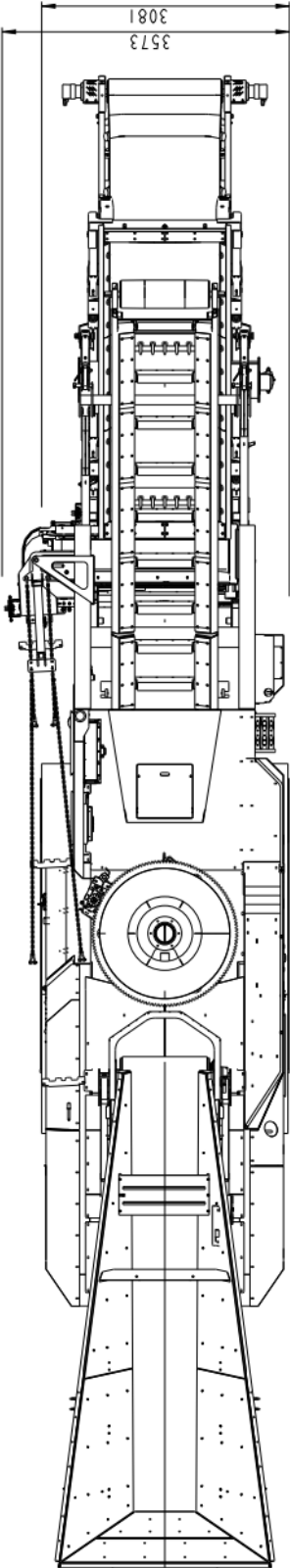
Liners – Fine, Medium, Course

Working lights

Dust suppression



C-12R TRANSPORT DIMENSIONS



- GENERIC NOTES
1. ALL PROFILE CUT EDGES TO BE DRESSED AND
 2. REMOVED ALL BURRS & HEAD SPATTER
 3. ALL WELD TO BE FILET CONFORMING WITH LES
 4. NO SURFACE WELD DEFECTS WILL BE ACCEPTED

CHANGE DETAILS		BY	DATE
1	FIRST ISSUE	Mark McCullough	16-Jan-23
REV			

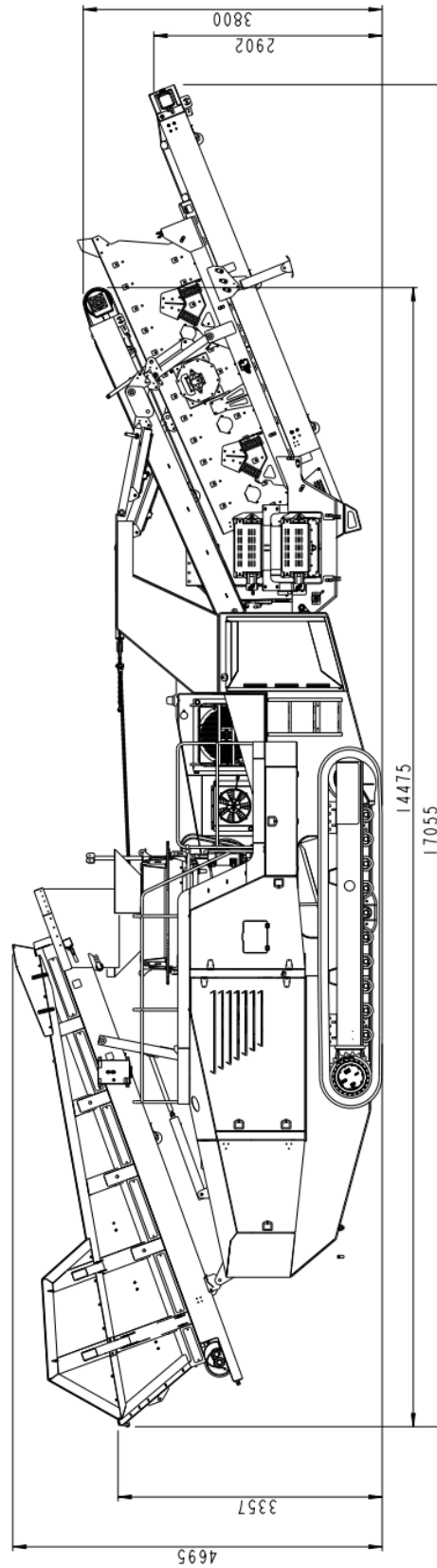
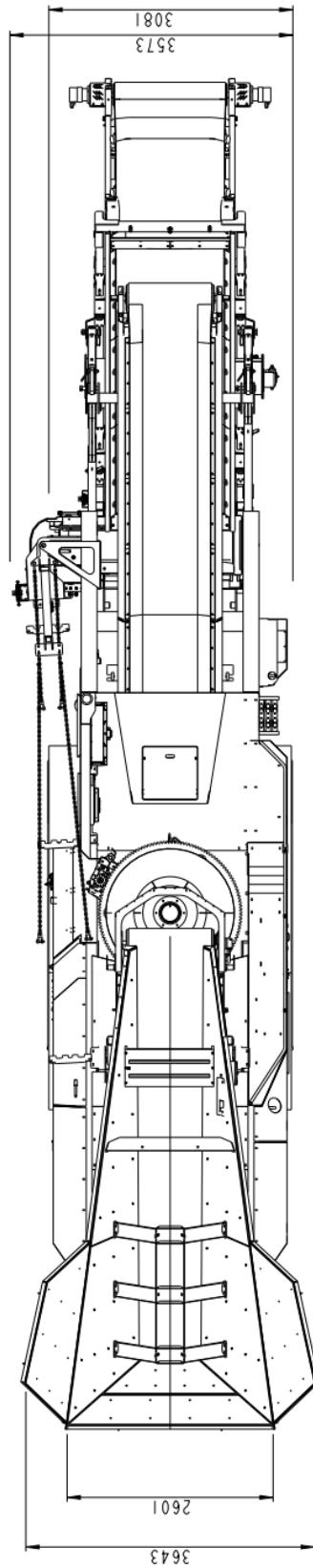
ANACONDA® A McLanahan Company		MATERIAL	TOP LEVEL	FINISH
EST. MASS	SCALE	DESCRIPTION	FORMAT	REVISION
547.3 Kg	0.018	A3	C-12 TOP LEVEL	C-12 GA

PAINTING SPEC:	BY: 10000	BY: 10000	BY: 10000
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C-12R WORKING DIMENSIONS

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