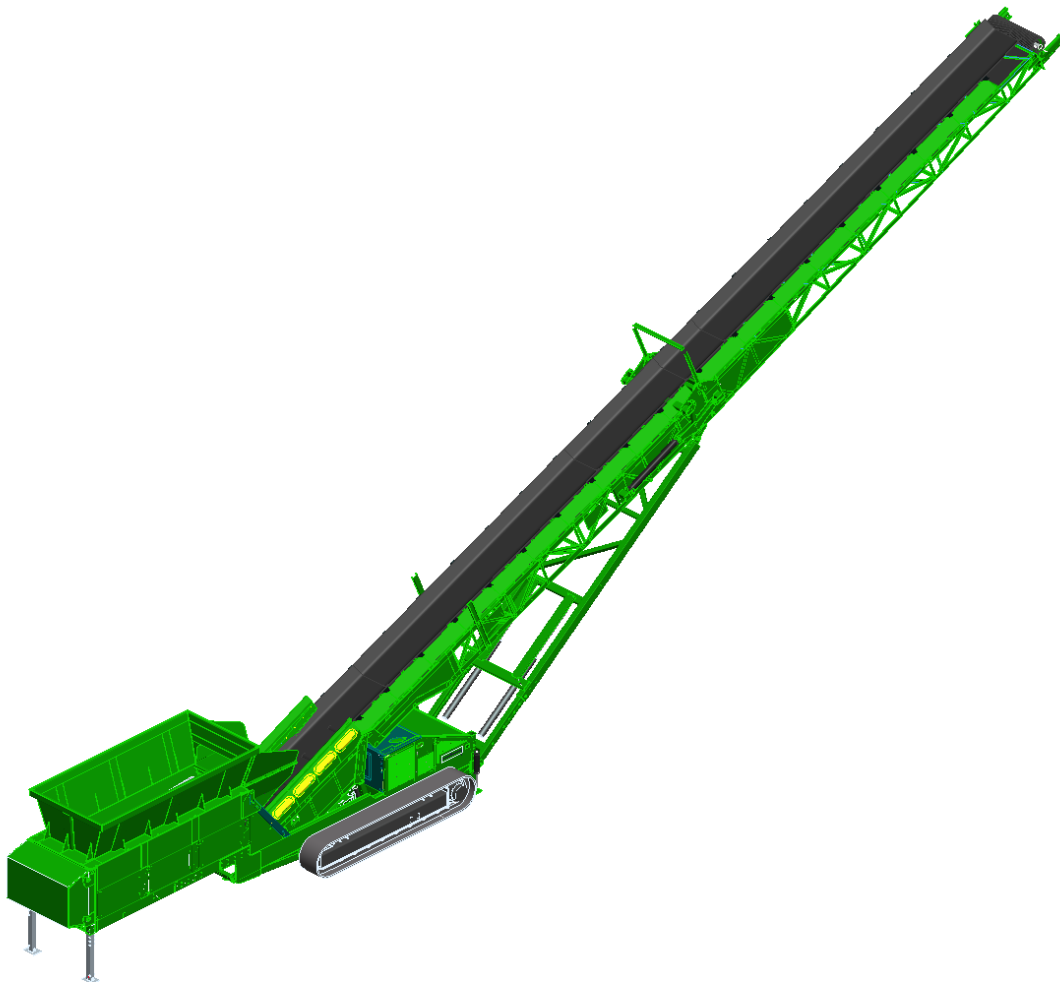
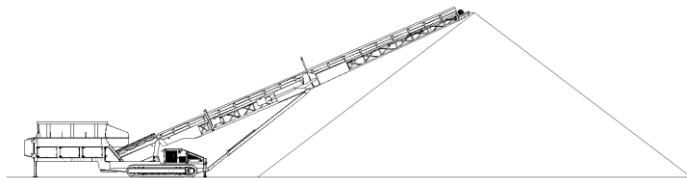


SPECIFICATIONS

TF80



**DESCRIPTION**

Heavy duty mobile tracked stockpiling conveyor with following features:

- 1200mm (48") wide heavy duty 80' long conveyor
- 1200mm (48") wide heavy duty Feeder
- 75Kw (100Hp) Kubota
- Large feed hopper
- Hydraulic folding for easy transport
- Hydraulic Leveling Jacks
- Fast on site setup time – 5 minutes

DIMENSIONS AND WEIGHTS

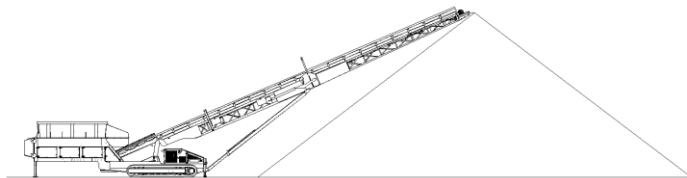
Length – working	24.5m (91'-5")
Width – working	2.9m (9' – 7")
Length – transport	19.46m (63'-10")
Width – transport	2.9m (9' – 7")
Height – transport	3.5m (11' – 7")

CONVEYOR

Belt width	1200mm (48")
Belt length	19.35m (80') drum centers Heavy Duty Chevron 400/3 5+1.5
Belt spec	(3 ply 3/16 x 1/16)
Drive drum dia.	355mm (14")
Tail drum dia.	304mm (14")
Motor	Dual OMV 630, 630cc/rev
Flow rate	174 Lpm (46 US gpm)
Adjustable speed	YES
Drive drum maximum speed	138 rpm
Belt maximum speed	4.13m/s (524 ft/min)
Stockpile height @ 29 degrees	12.6m (41'-7")
Stockpile height @ 23 degrees	10.5m (34'-6")
Stockpile capacity @ 29 degrees	3730 cu.m (4880 cu. Yds)
Stockpile capacity @ 23 degrees	2144 cu.m (2804 cu. Yds)
Production	680 metric tph (750 US tph)

POWERUNIT AND HYDRAULICS

Engine	CAT 4.4 – 100HP
Engine power	100 HP
Engine speed	2400 rpm
Flywheel Pump	DBH 5046 5046 5033
Total system flow	419 Lpm (166 US gpm)
Hydraulic tank capacity	630 L (166 US gal)
Diesel tank capacity	399 L (105 US gal)
Hydraulic tank ratio	1.51 : 1
Hydraulic Oil cooler	YES

**TRACKS**

WIDTH	500mm (19.7")
LENGTH	3800mm (12'-6")
HEIGHT	798mm (31.4")
GEARBOX	Bonfiglioli 709
RATIO	148:1
MOTOR	Rexroth 90
SPEED MAX	1.14 Kph (0.71 Mph)
FLOW RATE	101.2 Lpm (26.7 US gpm)
ATTACHMENT	Bolt on for quick change

ELECTRICS

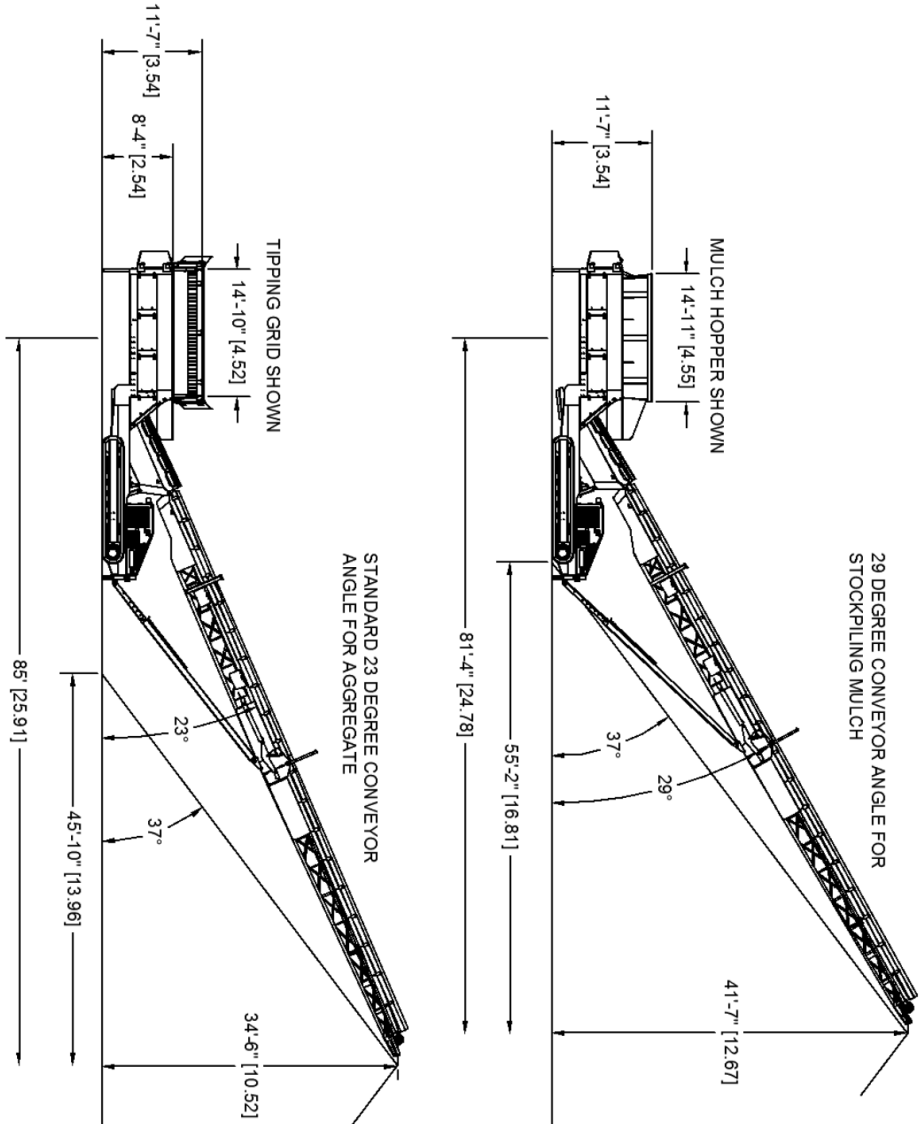
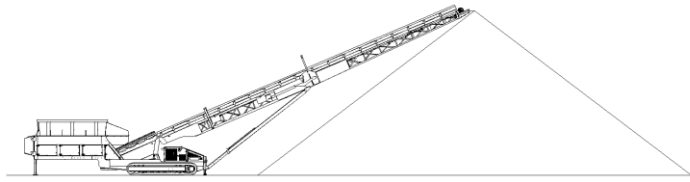
Emergency stops	4 off, 1 feeder, 2 power unit, 1 conveyor
Chassis cabling	Armored cable
Start Siren	YES – 10 sec delay
Engine shutdowns	Low oil pressure High water temp Air filter blockage Fuel contamination Low hydraulic tank level
Engine room light	YES
Remote tipping grid	YES – 2 function timed
Radio control tracks	Optional
Pendant track control	Yes

OPTIONS

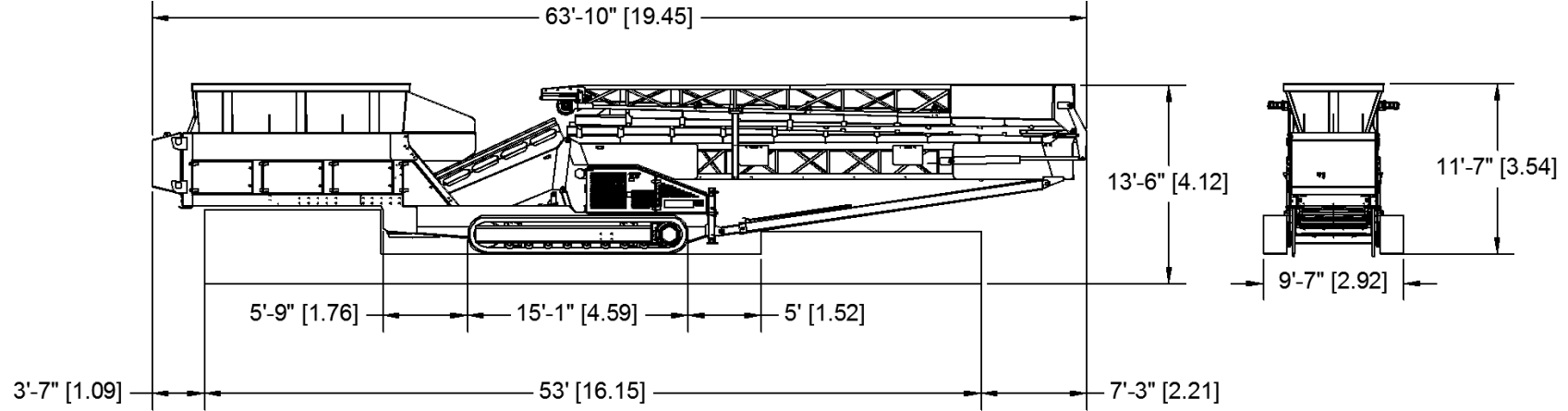
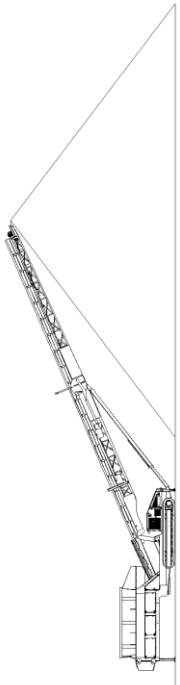
Tipping Grid	(Only with Aggregate Hopper)
Live Head	(Only with Aggregate Hopper)
Aggregate Hopper	
Shredder	

SAFETY FEATURES

External belt alignment points.
External grease points.
Engine safety shutdown systems.
Full safety guarding for nip points.



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<p>JOB/ASM #</p>		<p>DWG. # F005-DWG</p>	
<p>DRAWN BY: RW</p> <p>CHECKED BY: CHKD</p> <p>ISSUED BY: ISSD</p>		<p>DATE: DEC/2011</p>	
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				TOLERANCES EXCEPT AS NOTED		JOB/ASM #	DWG. #
				FRACTIONAL ±1/16	DWN. CHK'D		SERIES# 1
				DECIMAL ±.050	ISS'D		
				ANGLE ±1°			