

FAST TRAX[®]



TRACK MOBILE PROCESSING PLANTS

FAST TRAX

MAKING TRAX

FAST TRAX

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MOBILE AND VERSATILE

FULL LINE

The Fast Trax® Series Mobile Processing Plants from TIL in licence agreement with KPI-JCI-AMS offer the ultimate in productivity, mobility, versatility and adaptability. With numerous standard as well as value-added features, a hopper full of performance-enhancing options, and the versatility of unit-to-unit compatibility, you get maximum capability with minimum effort. These track plants are truly your one source for Aggregate, Recycling and Mineral processing.



JAW PLANTS

PRODUCTION CAPACITIES

MAXIMUM MOBILITY

ADJUSTABLE UNDER
CRUSHER CONVEYOR



HIGH PRODUCTION
VANGUARD JAW



SELF-CLEANING
MAGNET ASSEMBLY



HIGH CAPACITY
CONVEYOR



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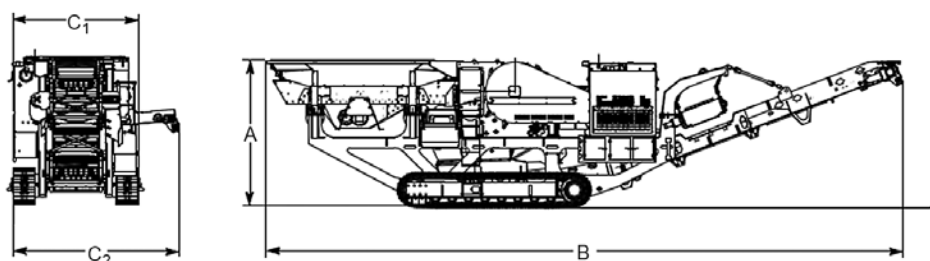
CAPABILITIES

- ▶ LARGE FEEDER HOPPER SUPPORTS CONTINUOUS OPERATION
- ▶ FINES ARE REJECTED BEFORE ENTERING CRUSHER
- ▶ VANGUARD JAWS OFFER REDUCTION RATES OF 6:1 TO 8:1
- ▶ HEAVY DUTY TRACK DRIVE PROVIDES EXTREME DURABILITY AND MOBILITY

UPTO 320MPH

FT2650

The FT2650 is your single source for maximum jaw crushing mobility. Featuring Vanguard Series Jaw Crushers, the FT2650 provides a feed opening of 26"X50" (660X1270) mm. Equally effective in aggregate or minerals, FT2650 allows stationary and portable producers to benefit from the on-site mobility these plants deliver. Don't settle for off-the-shelf configurations! Multiple feeder sizes, hydraulic-hopper extensions, cross-belt magnet systems and dust-suppression systems are just a few of the options available to customize your plant to exacting specifications.



A - 3.48m
B - 15.29m
C₁ - 3.2m (Traveling)
C₂ - 4.3m (Working)

FT2650

DIMENSIONS	TRANSPORT	OPERATION
A (Overall Height)	3.48 m	3.9 m
B (Overall Length)	15.29 m	15.29 m
C (Overall Width)	3.2 m	4.3 m

WEIGHT 43,327 kg (95,520 Lbs) (with SDC & Magnet)

FEEDER

Type	Step Deck Grizzly
Grizzly Bars	50 mm Separation
Size of Feeder	1.2 m x 4.6 m (50" x 15')

CRUSHER

Type	Single Toggle Jaw crusher
Type of Construction	Welded & Finite Element Analysis Designed
Feed Opening	26 in x 50 in (660 mm x 1270 mm)
Drive	Hydrostatic with reverse feature for clearing blockages

UNDER CRUSHER CONVEYOR

Length	11.58 m
Width	1200 mm

TRACKS

Length	4.6 m (15'-1')
Shoe Width	500 mm (20")

ENGINE

Type	Diesel
Rating	224 kW(300HP)
Fuel Capacity	644 L (170 gal)

Hydraulic

Oil Capacity	435 L (115 gal)
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PERFORMANCE

Maximum Feed Size upto	533 mm
Capacity upto	320 MTPH
Maximum Operating Slope	
Side-to-Side	1% grade
Front-to-Back	3% grade

OPTIONS

FT2650

- Side Delivery Conveyor with fold for travel
Length : 3.7 m (12' - 0")
Width : 610 mm (24")
- Magnet: Permanent crossbelt magnet
- Dust Suppression System with manifold for customer water source

APPROXIMATE GRADATION - OPEN CIRCUIT

Test Sieve Size (in.)	Approximate Graduations At Peak To Peak Closed Side Settings														Test Sieve Size (in.)
	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	5"	6"	7"	8"	10"	
12"	19	25.4	31.8	38.1	50.8	63.5	76.2	89.1	102	127	152	178	203		
10"															
8"															
7"															
6"															
5"															
4"															
3"															
2 1/2"															
2"															
1 1/2"															
1 1/4"															
1"															
3/4"															
1/2"															
3/8"															
1/4"															
4M															
8M															

CONE PLANTS

PRODUCTION CAPACITIES

MAXIMUM PRODUCTIVITY

OPTIONAL BAG
HOUSE SYSTEM



HANDHELD REMOTE
CONTROLS



EASILY
ADJUSTABLE CSS



ADJUSTABLE
HEAVY-DUTY BELT FEEDER



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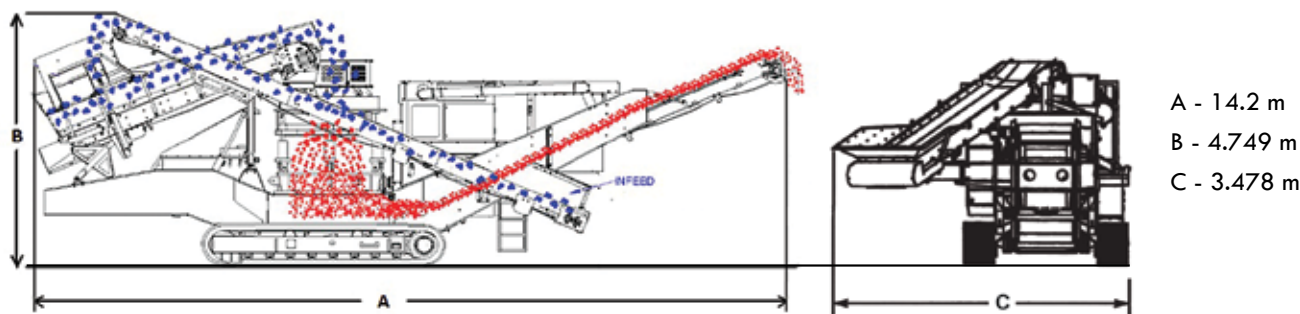
CAPABILITIES

- ▶ KODIAK® CONES OFFER HIGH REDUCTION RATES AND MATERIAL CUBICITY
- ▶ MEETS COARSE AND FINE CRUSHING APPLICATION NEEDS
- ▶ PROVIDES MORE FIRST PASS SPEC MATERIAL, REDUCING RECIRCULATING LOADS
- ▶ DESIGNED TO RUN IN MULTIPLE OPEN AND CLOSE CIRCUIT CONFIGURATIONS

UPTO 415MTPH

FT300DF

The FT300DF is your single source for maximum cone crushing productivity. The larger FT300DF employs a Kodiak® 300+ and produces upto 415 MTPH. Each plant delivers efficient material sizing, making them perfect for both mobile and stationary producers who need quick, effortless on-site movement. Don't settle for off-the-shelf configurations! Options like dust-suppression systems and various cone liners allow you to customize your plant to exacting specifications.



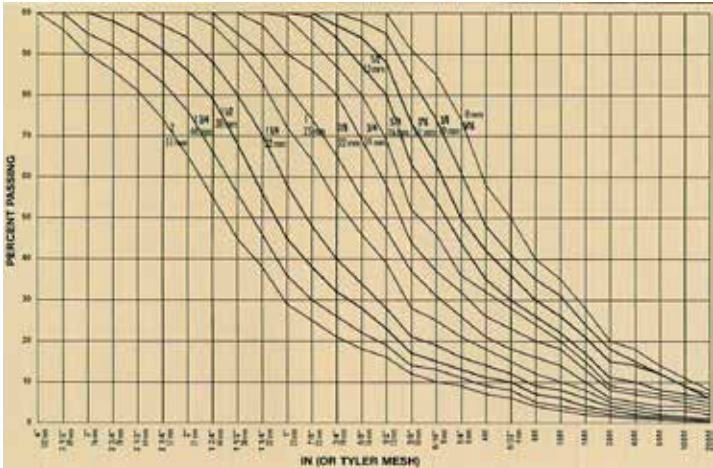
FT300DF		
DIMENSIONS	TRANSPORT	OPERATION
A (Overall Length)	14.2 m	14.2 m
B (Overall Height)	3.5 m	4.749 m
C (Overall Width)	3.478 m	3.478 m
WEIGHT	44,900 kg (99,000 Lbs)	
FEEDER		
Type	Belt	
Width	915 mm (36")	
Drive	Hydraulic Variable Speed	
CRUSHER		
Type	Fixed Shaft Cone Crusher K300+	
Drive	Dry Clutch Drive	
UNDER CRUSHER CONVEYOR		
Length	9.75 m (32'-0")	
Width	915 mm (36")	
Discharge Height	3.7 m (12'-2")	
Drive	Hydraulic	
TRACKS		
Length	4.6 m (15'-1")	
Shoe Width	500 mm (20")	
ENGINE		
Type	Diesel,	
Rating	329 kW (440HP)	
Fuel Capacity	760 L (200 gal)	
Hydraulic		
Oil Capacity	500 L (130 gal)	
PERFORMANCE		
Maximum Feed Size	279 mm (11 in)*	
Capacity upto	417 mtp (460 tph)	

*Coarse Chamber at 2" CSS. Maintain reduction ratio per operations manual (Based on no bowl float).

OPTIONS

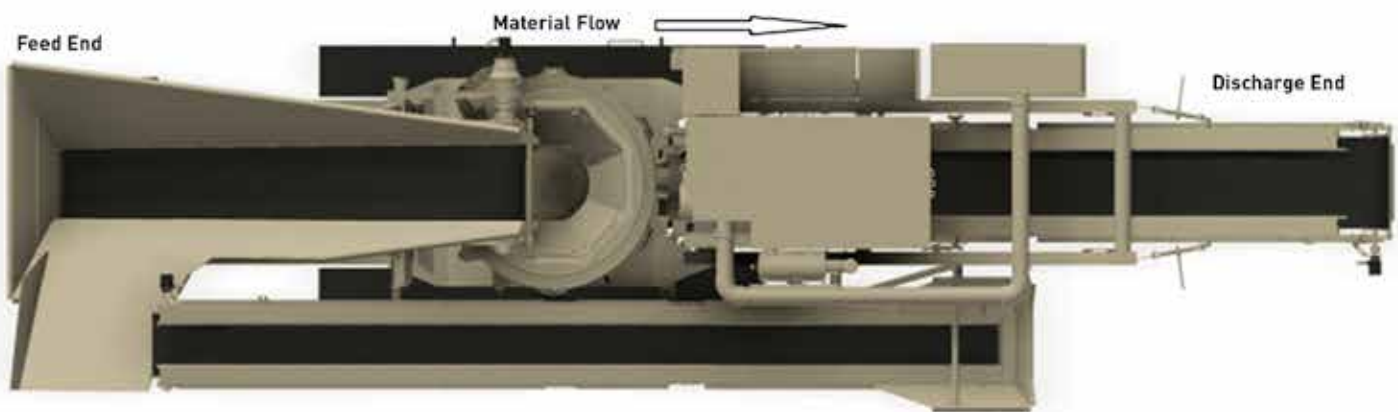
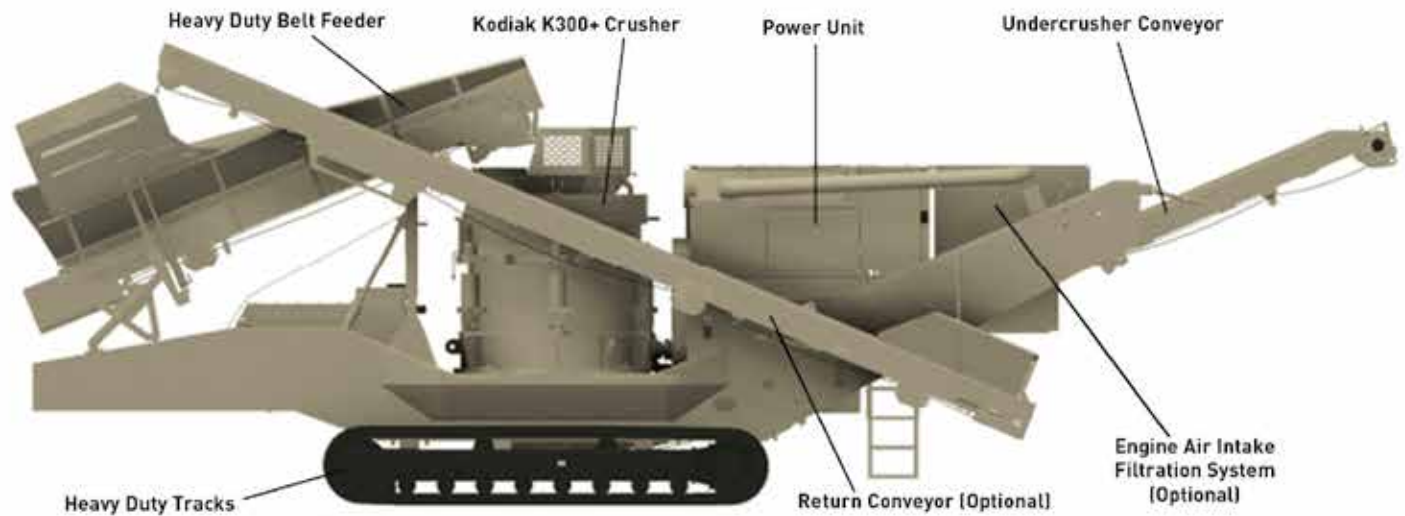
FT300DF

- Dust Suppression System
- Recirculation Conveyor
Length : 9.2 m (30' - 0")
Width : 610 mm (24")
- Bag house at Engine suction



KODIAK® PLUS

CONE CRUSHERS



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CAPABILITIES

- ▶ MAXIMUM EFFICIENCY
- ▶ TROUBLE - FREE OPERATION
- ▶ ROBUST CONSTRUCTION

FT300DF

Making daily, monthly and annual numbers means keeping a constant eye on the bottom line. And you can't do that if you're concerned about keeping your machinery up and running. The Kodiak-Plus Series patented innovations provide the efficiency needed to hit your financial goals and the trouble-free operation you demand from rugged machinery.



PATENTED LINER RETENTION SYSTEM
Our patented liner retention system makes liner changes simple, safer, and quicker.



PATENTED THREAD LOCKING RING
360-degree ring replaces individual cylinders and acts as a single piston providing low maintenance, leak-free operation preventing bowl creep.



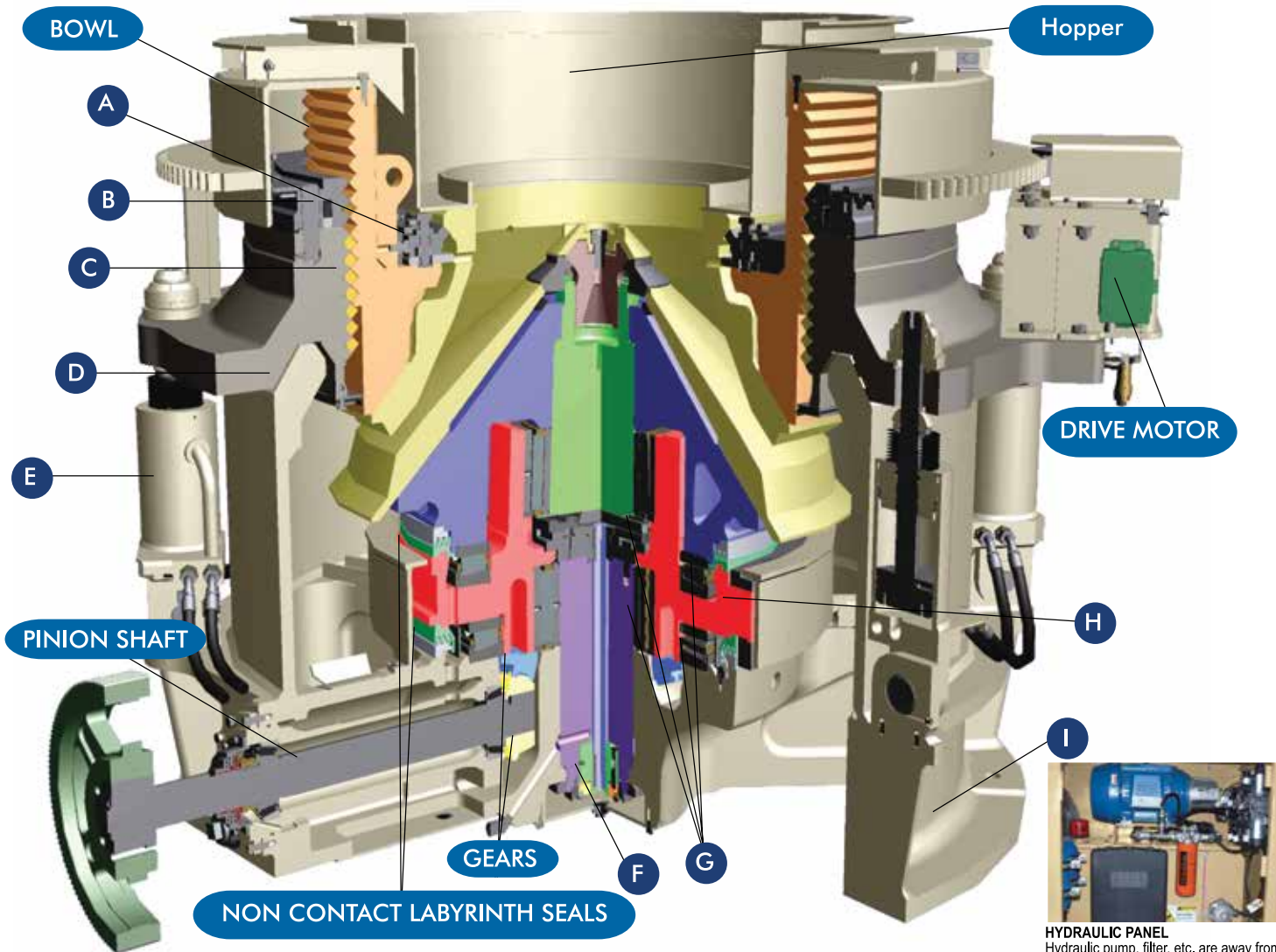
PATENTED FIELD REPLACEABLE BRASS THREADS
Older machines use steel-on-steel rotation threads that frequently gall or weld together. KPI-JCI's patented a brass-thread insert resists the galling and welding.



BRASS LINED V-SEAT
Replaceable brass seat liners provide an extra layer of protection against overload events.



TRAMP IRON RELIEF SYSTEM
Eliminate maintenance costs associated with accumulators. Pressure relief valves act as a latch, generating minimal back pressure build-up during an overload event. Picture above shown in the "clearing" position.



ANTI-SPIN CONE BRAKE
Anti-spin feature reduces manganese wear cost and minimizes projectiles for improved safety. Optional hydraulic anti-spin also available



ROLLER BEARINGS
Precision design generates higher efficiencies, reducing re-circulating loads and operating temperatures. Highly tolerant of climate and temperature fluctuations.



REVOLVING WEDGE
Fully protected counterweights eliminate the need for replacements and maintains true balance through the life of the machine.



ROBUST BASE FRAME
Kodiak Plus crushers are the heaviest in the class, thus applying more pounds per horsepower into its core function-crushing.



LUBE PANEL
Houses lube pump, filter, etc. are away from the crusher in an easy to service panel.

FOLD 'N GO[®]

TRACK INCLINED SCREENING PLANT

MADE TO MATCH



The FT3620 FNG matches with other FT products from KPI-JCI without the use of off plant stackers to create a complete mobile production system.

DUST COVERS



Optional conveyor dust covers provide a cleaner work environment control of dust

SUPERIOR SEPARATION



The 6 X 20 is an industry leader for the incline screen market, especially in the 4" to 1/8" range in a wide range of applications, from crushed stone to RAP

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CAPABILITIES

- ▶ SELF CONTAINED TRACK PLANT
- ▶ SUPERIOR TOUGHNESS
- ▶ UNMATCHED SCREEN CAPACITY

FT 3620

TRACK INCLINED SCREENING PLANT (WITH FEED BIN)



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CAPABILITIES

- ▶ INDEPENDENTLY OPERATED OR EASILY COMBINED IN CIRCUIT
- ▶ HIGHER PRODUCTION CAPACITIES & MORE EFFICIENT SIZING
- ▶ HEAVY-DUTY TRACKS WITH FABRICATED CHANNEL FRAME CONSTRUCTION OFFERS MAXIMUM DURABILITY

FT3620

All FAST TRAX screening plants feature the ultimate in screen production and efficiency. FT track screening plants are designed for operation with track crushers in tight spots and comes with a triple deck, 6' x 20' (1.8m x 6m) top deck and middle deck and a 6' x 18' (1.8m x 5.5m) bottom deck for a wide range of applications from crushed stone to RAP. As with all track screening plants offered by TIL Astec Mobile Screens, the FT3620 Fold'n Go & with feed bin option offers totally self contained diesel power with standard wireless remote for plant movement. This track screening plant provides the highest screen capacity in the market for material separation ranging from 100 mm to 3 mm depending on the application, with maximum feed size of 200 mm.

FT3620DF & W/ FEED BIN

DIMENSION	TRANSPORT - DF (W- FEED BIN)
Overall Length	17.98m / 59'-0" (18.3m / 60'-1")
Overall Width	3.59m / 11'-11" (3.59m / 11'-11")
Overall Height	3.66m / 12'-0" (3.66m / 12'-0")
	OPERATIONAL - DF (W- FEED BIN)
Overall Length	19.0m / 62'-4" (18.87m / 61'-9")
Overall Width	18.66m / 61'-3" (15.21m / 49'-11")
Overall Height	6.47m / 21'-3" (6.55m / 21'-5")
WEIGHT (DF/ W-Feed Bin)	36,750 kg (80,850 lbs) / 38,555 kg (85,000 lbs)
ENGINE & POWER SYSTEM	
Type	Diesel
Rating	129kW (173HP)
Fuel Capacity	518 Gal (140 Gal.)
Drives	Engine mounted hydraulic pumps to operate all plant functions
Control Panel	IP55 rated instrument panel Emergency stops
HYDRAULIC	
Oil Capacity	555 Lit (150 Gal)
TRACKS	
Track Length	4683 mm (15'-4")
Shoe Width	500 mm (19.6")
DELIVERY CONVEYOR	
	1 no.
Type	Belt Conv. 11.9m x 1.2m (39' x 48")
Belt	3 ply. 1200mm 25mm cleat.
Drive	Hydraulic var. speed 0- 1.8m/s
Features	Full Length skirt board, Self cleaning winged tail pulley.
SIDE CONVEYORS	
	2 nos.
Type	Belt Conv. 8.8m x 0.75m (29' x 30")
Belt	3 ply. 750 mm 25 mm cleat.
Drive	Hydraulic var. speed 1.8m/s
Features	Receiving Hopper for both conveyors
CROSS CONVEYOR	
Type	Belt Conv. 1.82m x 0.6m (6' x 24")
	Stationary within frame
Belt & Drive	3 ply, 600 mm. Hydraulic var. speed 1.8m/s

HOPPER / Feed bin

10 cubic yard head capacity Heavy-duty grizzly with 6" opening Hydraulic dump

FEEDER

One (1) 4m x 1.2m (13' x 48") conveyor with hydraulic variable Variable Hydraulic Drive upto 1 m/s

CHASSIS

Formed plate construction
Tracks with wireless remote control

VIBRATING SCREEN

- One (1) 3620K triple deck screen 6' x 20' (1.8m x 6m) top deck and middle deck, 6' x 18' (1.8m x 5.5m) bottom deck
- Decks driven by 900 RPM vibrating mechanism mounted on screen
- Adjustable amplitude with add on weights
- Hydraulic controls for variable angle operation Top and bottom deck discharge chutes
- Aggregate spreader; Fixed access ladder with wrap around walkway

PLANT CAPACITY

Upto 630 MTPH of 8" feed material (tonnages will vary with conditions)

FINES CONVEYOR

Type	Belt Conv. 9.1m x 1.2m (29'-10" x 48")
Belt	3 ply. 1200mm 25mm. TC tip Scraper.
Drive	Hydraulic drive speed upto 1.8m/s
Features	Self cleaning winged tail pulley, Folds for transport

OVERSIZE CONVEYOR

Type	Belt Conv. 9.5m x 0.6m (31' x 24")
Belt	3 ply. 600 mm, 25 mm cleat.
Drive	Hydraulic drive speed upto 1.8m/s
Features	Folds for transport

FT3620

102 mm X 3.175 mm
(4" to 1/8")
Standard material separations range
4" to 1/8" depending on application

173 HP
(129 kW)
Water cooled diesel
engine to power all plant functions

850 or 1150 RPM
Up to 850 RPM at 3/8" stroke and
1150 RPM at 3/16" stroke

UPTO 630 MTPH
Screening plant can process upto
630 MTPH or more of 8" feed material

PERFORMANCE

- P1 3620 Triple Deck Screen**
Triple deck: 6' x 20' top deck and
middle deck and 6' x 18' bottom deck
for improved screen production.

PORTABILITY

- D1 Track System**
Wireless control for ease of
movement on the job site. Fits on
lowboy for convenient transport
from site to site.

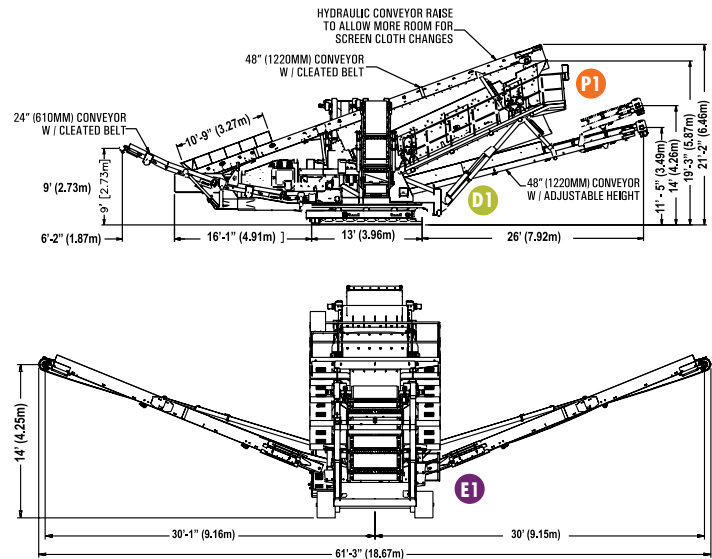
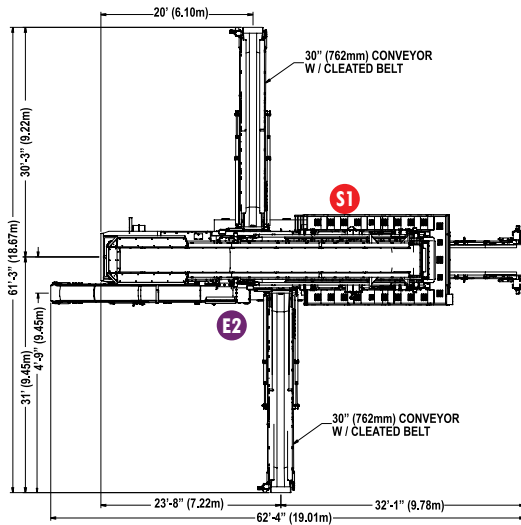
SAFETY

- S1 Dust Cover**
The vinyl dust cover provides
dust control and cleaner air in
the work area.

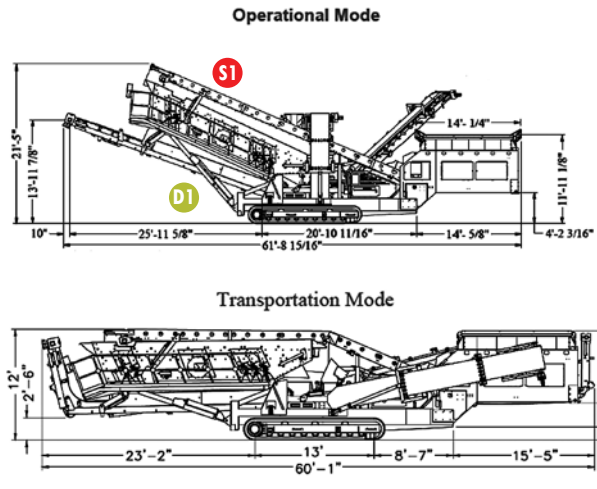
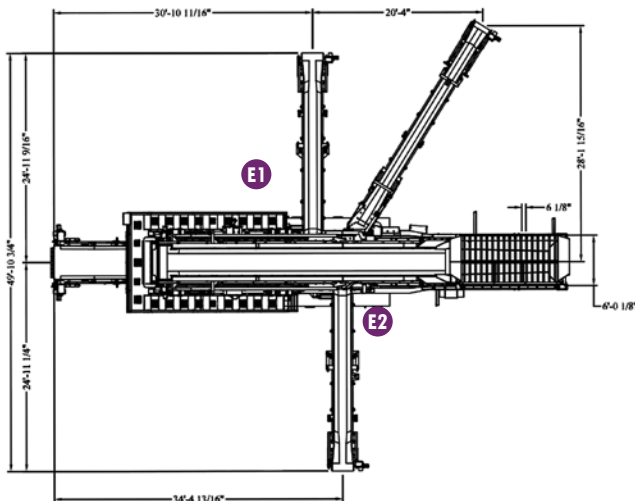
EASE-OF-USE

- E1 Fast Setup**
Quick setup times give producers
more material production time.
- E2 Central Grease Points**
Makes routine services easy.

FT 3620 FOLD 'N' GO



FT 3620 W/FEED BIN



SETTING THE PACE IN THE INFRASTRUCTURE SPACE

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OUR FACILITY

STATE-OF-ART FACILITY FOR PORT AND CONSTRUCTION EQUIPMENT AT CHANGUAL IN KHARAGPUR, WEST BENGAL

The state-of-the-art Changual facility at Kharagpur, West Bengal, is designed and built to facilitate smooth and accelerated flow of materials based on concepts of Demand Flow and Lean Principles, resulting in efficient and safe working condition.

- Factory spread across 37.45 acres
- Built up area 58000 sqm
- Shop Floor 22000 sqm



Registered Office**TIL Limited**

CIN Number: L74999WB1974PLC041725

1 Taratolla Road, Garden Reach,

Kolkata 700024, West Bengal

Phone: +91 33 2469 3732-6 / 6497 / 3983 | 6633 2000

Fax: +91 33 2469 2143 | 3731

K Anantharaman

Mobile: +91 98302 64812

Email: K.A.Raman@tilindia.com

Amalangshu Pal

Mobile: +91 98318 39025

Email: Amalangshu.pal@tilindia.com

**CHENNAI**

Jhaver Plaza, 7th Floor 1-A, Nungambakkam

High Road, Chennai 600 034, Tamil Nadu

Phone: +91 44 6670 3000 / 3010

Fax: +91 44 2827 9681

Maruthi Prasad

Mobile: +91 96185 62333

Email: Maruthi.prasad@tilindia.com

DELHI

302 Ansal Bhawan,

16, Kasturba Gandhi Marg, New Delhi 110 001

Phone: +91 11 2331 1607 / 8046 / 9248 | 2335 0250 / 0255

Fax: +91 11 2331 3263

Sandeep Srivastava

Mobile: +91 94575 02105

Email: Sandeep.Srivastava@tilindia.com | til.delhi@tilindia.com

Rajiv Kapoor

Mobile: +91 99710 91610

Email: Rajiv.kapoor@tilindia.com

KERALA

Anup Kumar.G

Mobile: +91 94950 72999

Email: anupkumar.g@tilindia.com

LUCKNOW

Raghvendra Mishra

Mobile: +91 87692 83545

Email: Raghvendra.mishra@tilindia.com

MUMBAI

A - 606, A Wing, 6th Floor, 215 Atrium, Andheri - Kurla Road,

Andheri (East), Mumbai 400059, Maharashtra

Phone: + 91 22 4969 1169

Ajay Shah

Mobile: +91 88509 71609

Email: ajay.shah@tilindia.com

PUNE

Ajay Shah

Mobile: +91 8850 971609

Email: ajay.shah@tilindia.com