



# STS 3618DM SPECIFICATIONS

The STS 3618DM is a stationary screening plant that features a modified triple deck Duo Vibe® high frequency screen. The STS 3618DM is perfect for one-site operations and is highly configurable to meet the RAP producer's specific needs. The STS 3618DM is specifically made for applications where larger material is processed into four products. The plant is powered by a diesel engine or line power and can be completely customized to meet your tonnage and feed size needs.

## SCREEN

One (1) 3618DM modified triple deck PEP Duo-Vibe® dual-frequency screen: 5' x 15' scalping screen top deck; 6' x 18' high-frequency screen middle deck and 6' x 12' high-frequency bottom deck

Top deck driven by 900 RPM vibrating mechanism mounted on screen; Middle deck driven by seven (7) electric vibrators (0-3600 RPM) mounted below screen for directly induced vibrating action; Bottom deck driven by four (4) electric vibrators (0-3600 RPM) Mounted below screen for directly induced vibrating action; All vibrators have five (5) force amplitude settings on adjustable slip counterweights

Fines collecting hopper; Top, middle and bottom deck discharge chutes; Aggregate spreader

Less screen cloth (top deck side tension; middle and bottom deck rotary end tension)

## FRAME

24" I-beam; Four (4) support legs with heavy duty mounting plates for attachment to foundation; Wrap around catwalk and bolt on maintenance platforms; Lifting eyes for erection

## HOPPER

12 cubic yard heaped capacity hopper with 8' x 14' opening; Heavy duty hydraulic dump grizzly with 6" openings; Adjustable feed gate

Modified feed hopper to accept feed from conveyor or loader

## FEEDER

17' x 32" belt feeder with hydraulic variable speed drive (0-60 FPM); 6" formed channel

12" rubber lagged head pulley mounted on 2 bolt pillow block bearings; 12" self-cleaning wing pulley mounted on 2 bolt pillow block bearings; Screw type take-ups; CEMA-B 5" flat carrier idlers on 6" centers

Beltting is 330 PIW, 3/16 x 1/16 cover

## DELIVERY CONVEYOR

One (1) 55' x 36" conveyor with electric drive (350 FPM); 8" channel; Folds for transport; Full length skirt board

Equipped with 15 HP electric motor, Size #5 reducer and backstop

14" rubber lagged head pulley mounted on 2 bolt pillow block bearings; 12" self-cleaning wing pulley mounted on 2 bolt pillow block bearings; Screw type take-ups; CEMA-B 20° 5" troughing idlers on 4' centers and 1' centers in loading area; CEMA-B 5" return idlers on 10' centers; Return idler guards; Secondary style belt cleaner with internal spring tensioner

Cable trays for electric wiring

Chevron belting is 330 PIW, 1/8 x 1/16 cover

## POWER UNIT

Mounted on a 20 gallon hydraulic tank with 5 HP 480V 3-phase electric motor; Direct-coupled gear pump; All necessary valving to raise and lower screen; 40 gallon hydraulic tank with 20 HP 480V 3-phase electric motor; Direct-coupled gear pump to run feeder and dump grizzly

## SERVICE CAPACITY:

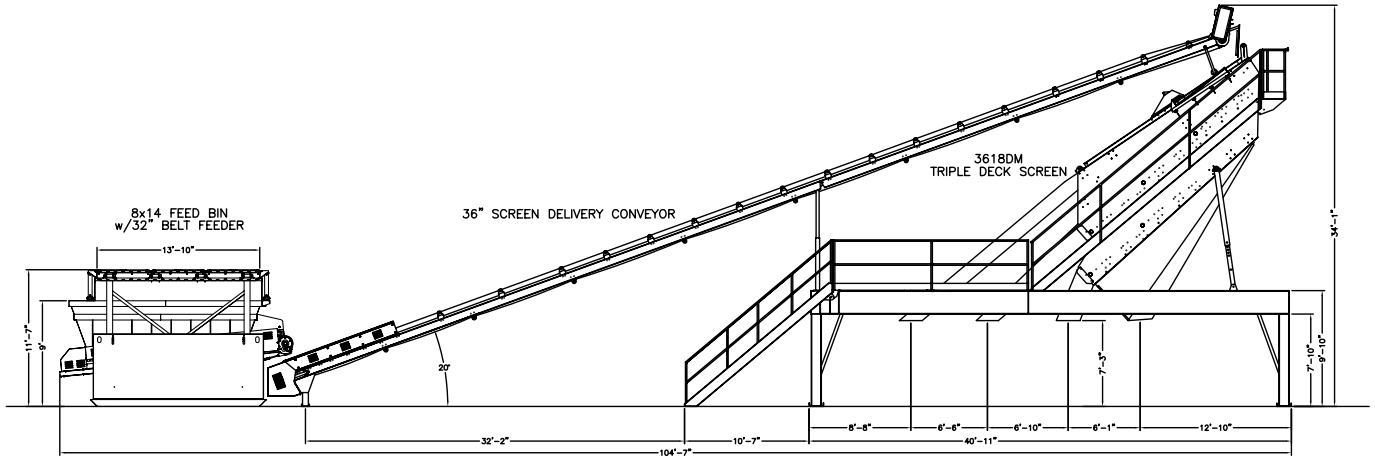
Fuel Tank - ??gal

Hydraulic Tank - 40 gal



# STS 3618DM SPECIFICATIONS

STS 3618DM with bin



STS 3618DM without bin

