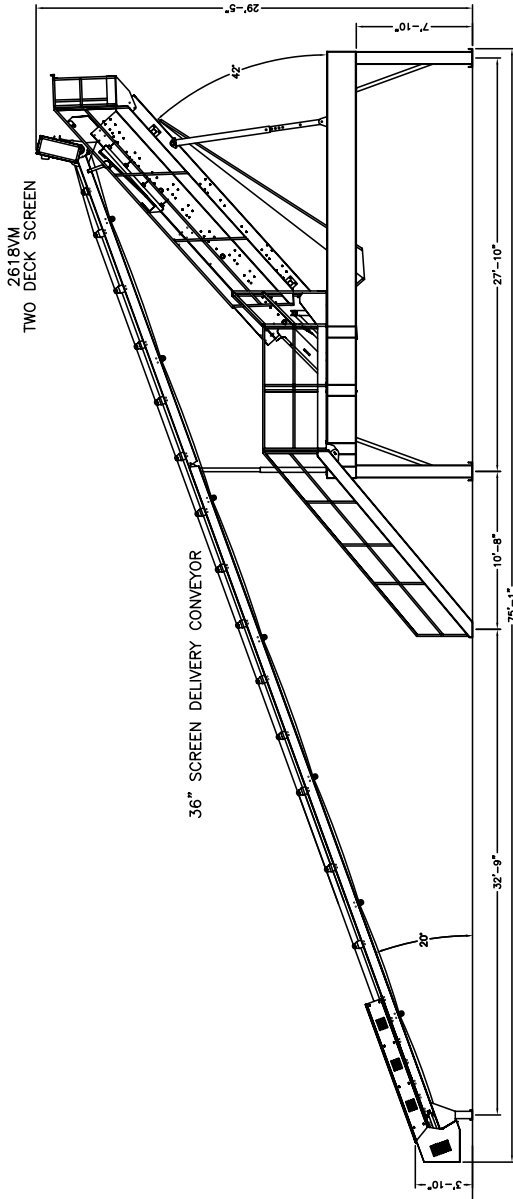




# STS 2618VM SPECIFICATIONS

The STS 2618VM is a stationary screening plant that features a double deck Vari Vibe® high frequency screen and is ideal for processing material into three products. The STS 2618VM is perfect for one-site operations and is highly configurable to meet the RAP producer's specific needs. 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) 2618VM modified double deck Vari-Vibe® high-frequency screen: 6' x 18' top deck high-frequency screen; 6' x 12' bottom deck high-frequency screen

Top deck driven by seven (7) 1.4 HP electric vibrators (3600 RPM); Bottom deck driven by four (4) 1.4 HP electric vibrators (3600 RPM); All vibrators mounted below screen for directly induced vibrating action and have five (5) force amplitude settings on adjustable slip counterweights

Pipe-hinge suspension for variable angle operation; Fines collecting hopper, top and bottom deck discharge chutes; Aggregate spreader

Screen cloth (top 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

Belting 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