One Of The Top Primary Screens Available
Proven Productivity And Dependability
Patented Smooth Start® Technology

516T SPECIFICATIONS

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Measurement</th>
<th>Conversion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>11'-6&quot;</td>
<td>3.51m</td>
</tr>
<tr>
<td>Length</td>
<td>47'-6&quot;</td>
<td>14.48m</td>
</tr>
<tr>
<td>Width</td>
<td>9'-6&quot;</td>
<td>2.9m</td>
</tr>
<tr>
<td>Total Weight</td>
<td>59,000 lbs.</td>
<td>26,762Kg</td>
</tr>
</tbody>
</table>

USA-made Grade 80 steel construction for strength and durability

Feed hopper can be loaded from three sides (Patent #6,698,594), accommodating constraints on the jobsite

Open flow design with impact beds on oversized conveyor and feeder carries oversized product in a straight line

Back & side hopper panels fold down for direct crusher feed capability

CAT® C4.4 110 HP Tier IV diesel engine

Smooth Start® Technology (Patent #6,669,026) prolongs machine and component life by eliminating violent shaking during warmup and shutdown

Heavy-duty tracked undercarriage with easy-to-use wireless remote control, for quick and efficient set-up and operation
### SCREENS
- 5'-0" x 16'-0" (1.52m x 4.88m) top deck
- 5'-0" x 14'-0" (1.52m x 4.27m) bottom deck
- Double-deck, two-bearing screen
- Adjustable screen angle (three operating positions)
- 3/8" (9.5mm) US-made grade 80 steel screen box frame
- Smooth Start® Technology (US Patent #6,669,026)
- Screen box splits from Unders Conveyor for ease of access
- Top deck wire screen cloth (included)
- Bottom deck wire cloth or harp deck screens (included)

### POWER SYSTEMS and CONTROLS
- CAT® C4.4 110 HP Tier IV Final diesel engine
- 75 gallon (284L) fuel tank with lockable fuel cap
- 120 gallon (454L) baffled and lockable hydraulic tank
- Hydraulic oil cooler
- Lockable control panels
- Four (4) emergency stops / plus (1) stop button on wireless remote
- Wireless remote control operation and travel

### FEEDER
- US-made grade 80 unibody steel frame construction with fixed catwalks
- Integrity of frame eliminates need for outriggers or landing gear
- Heavy-duty unibody frame design to support most harsh conditions
- All discharge conveyors are at far opposite end of feeder

### STRUCTURE
- True three-sided loading at feed hopper
- ½" (13mm) thick US-made grade 80 steel walls
- 1" (25.4mm) thick UHMW plastic impact bed liners
- 5" (130mm) diameter impact idler cans
- 48" (1,219mm) wide 3 ply 600 PIW with remote control variable speed
- Dual motor wrap drive with 18" (457mm) head pulley
- Low feed height - 10'-2" (3.1m) at end of hopper
- Feed height lowers to 8'-3" (2.5m) when tailgate is folded down
- 8.5 (struck) - 12 Cu. Yard (heaped) (6.5 - 9.17 Cu. Meter) hopper capacity
- Feed length 15'-9" (4.8m); Feed width 7'-0" (2.13m)
- Wireless remote variable feeder belt speed control
- Feed Match: 4 - 6 Cu. Yard loader and 1 - 3 Cu. Yard excavator
- Remote control vibratory feeder speed (600-850 RPM)

### MAIN/DISCHARGE WINDROW CONVEYORS
- All belts are variable speed with guide rollers, US-made grade 80 chutes
- Discharge belts: oversize and midsize belts are Chevron Cleated Type
- 9'-4" (2.84m) Oversize discharge height (48" (1,219mm) Belt Width)
- 12'-6" (3.81m) Fines discharge height (36" (914mm) Belt Width)
- 13' (3.96m) Midsize discharge height (24" (610mm) Belt Width)
- Side discharge belt angles: 18°, 21°, 24°, 28° Overs Belt 17° - 22°

### UNDERCARRIAGE
- Tracks with 9' (229mm) ground clearance
- Sealed and lubricated pins and bushings
- Outside track width 9'-5" (2.8m) US-made grade 80 steel unibody

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**516T Spyder Specifications**

Approx. Weight: 59,000lbs.
Width: 9'-11"

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**Operating Dimensions**

**Transport Dimensions**

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**Screens**

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