



FRONT-TO-BACK DRY SCREENING MACHINE

FRONT-TO-BACK

SCREEN TENSIONING



New System Raises Capacity, Reduces Screen Changing Time

Offering the most innovative hardware available in dry screening equipment, Derrick® proudly introduces the latest in dry screening technology, the Front-To-Back (FTB) screen tensioning system. Increased capacity, improved efficiency, and extremely fast panel changes are all features of Derrick's new FTB tensioning system.

Increased Capacity and Product Quality

Customers using the Derrick 4 ft x 10 ft FTB screen frame report capacity increases up to 50 percent with improved efficiencies in products ranging from 0.25 in (6.35 mm) down to 400 mesh (38 µm). Increases are attributable to rotating the screen panel tensioning 90 degrees, thereby positioning the crown of the screen parallel to the material flow. This change in crown orientation assures an even distribution of material across the entire width of the screen, increasing capacity and efficiency while reducing panel wear and virtually eliminating blinding.

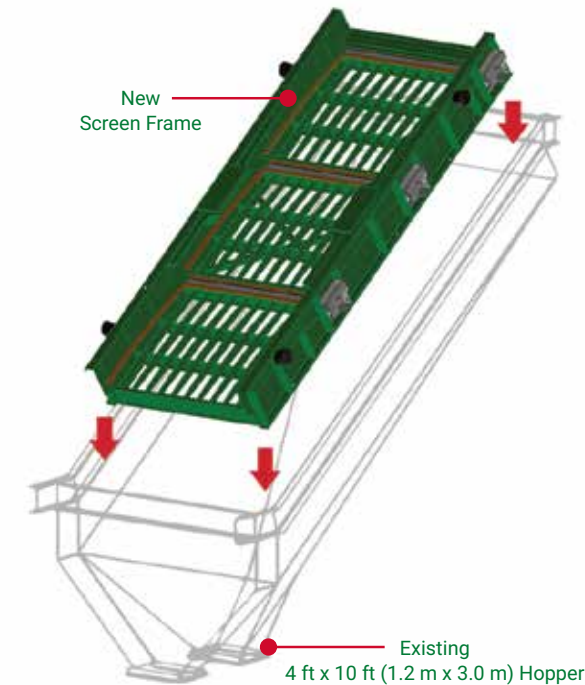
Screen Panel Changes in Four Simple Steps!

1. Hook the panel at the discharge end onto the edge of the screen bed section.
2. Hook the opposite end of the panel onto the tension bar at the feed end.
3. Rotate the tensioning nut to apply desired tension.
4. Tighten the locking nut to secure panel tension.



RETROFIT

FOR EXISTING DERRICK MACHINES



Easy Conversion, Extraordinary Results

Derrick Front-To-Back screen tensioning systems are not only fast and efficient but also cost effective. A new FTB screen frame is available for retrofit on most standard Derrick 4 ft x 10 ft (1.2 m x 3.0 m) machines. Although the conversion can be completed in less than a day, the resulting dramatic improvement is long-lasting. To upgrade your equipment, contact Derrick Corporation or your local Derrick representative today!

WEIGHTS & DIMENSIONS

EQUIPMENT	DIMENSIONS			
Model	Width in (mm)	Length in (mm)	Height in (mm)	Static Load/Weight lbs (kg)
Screen Frame Only (48-120DL-3)	48-1/4 (1226)	125-1/2 (3188)	-	1300 (590)
Single Deck Unit Single Unders (48-120DL-3 at 32.5°)	60-3/8 (1534)	162-1/4 (4121)	125-1/8 (3178)	4400 (1996) with motor
Double Deck Unit Double Unders (48-120DL-3DD at 32.5°)	60-3/8 (1534)	176-5/16 (4478)	159-5/8 (4054)	6500 (2948) with motor

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The Derrick Family is a community comprised of thousands of individuals in countries around the globe. We share a collective interest in **Community Enrichment** through our avid support of industry associations and charitable organizations. Aware of our worldwide impact, we support the recovery of natural resources in the most energy-efficient manner, placing vital importance on **Global Sustainability**. Our **Award-Winning Service** department works around-the-clock to provide unparalleled support to customers around the world.

Our pioneering spirit is best demonstrated by our long-term commitment to **Continuous Innovation** which drives manufacturing of our **Leading-Edge Solutions**. Clients partner with us to overcome their most difficult fine-separation challenges and we deliver with our team of **World-Class Technologists**, many of whom have been with us for well over two decades. Our vertically integrated approach ensures product dependability and reinforces our **Quality Commitment**.

We are a **Global Family** focused on **Pioneering Technology**.



**GLOBAL FAMILY.
PIONEERING TECHNOLOGY.™**

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