

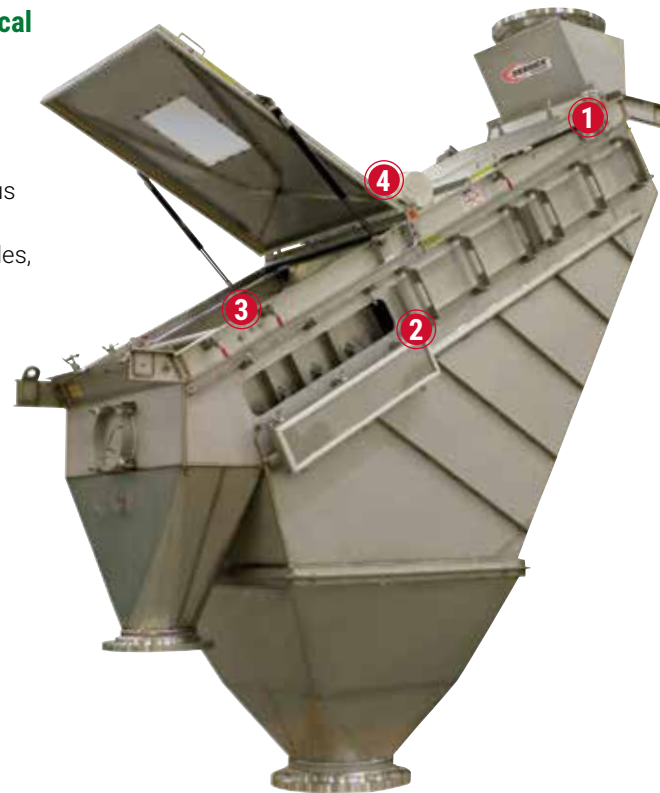


PARTICLE SCREENERS

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Derrick® dry screening machines have been utilized in fine sizing and scalping applications for the petrochemical industry for over 30 years.

The Derrick Model SGX48-144D-3 Particle Screener is a custom designed, fully enclosed Single-Deck machine that can be operated in both non-hazardous and hazardous environments. This machine is capable of fine screening polyethylene, polypropylene and polystyrene beads, granules, pellets, powders and resins.



Multiple mesh sizes available

FEATURES & BENEFITS

1. Health, Safety & Environment (HSE)

- Low sound production
- Easy screen inspection, removal and installation
- Light-weight screen panels for easy installation
- Explosion-proof can be operated in hazardous environments

2. Custom Designed Enclosure

- 304 stainless steel construction preventing contamination of LLDPE/HDPE products
- Discharge hoppers with 60 degree sloped sides and oversize inlets and outlets preventing plugging or build-up of LLDPE/HDPE material
- Three 2" (51 mm) round nozzles, inlet/outlet points for nitrogen purge if required
- Open design allows visual inspection of screen panels

3. Traditional Convex Screen Bed

- Convex crown promotes consistent screen panel tension, increases screen panel life
- Fast, easy screen panel installation and tensioning with sealing, rapid change bolt assemblies
- Spring float mounts which isolate support frame from vibration of screen frame.

4. Derrick Integrated Vibratory Motor

- Explosion-proof vibratory motor
- Super G® vibratory motor offers maintenance-free, greased-for-life bearings
- Low sound level
- Powerful, quiet and low energy consumption

WEIGHTS & DIMENSIONS

EQUIPMENT	DIMENSIONS			
Model	Width in (mm)	Length in (mm)	Height in (mm)	Weight lbs (kg)
SGX36-90D-3M	51 (1276)	126 (2114)	105 (2667)	4000 (1814)
SGX48-144D-3	55 (1387)	162 (4099)	197 (4990)	6500 (2948)

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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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