



PMD™ 46x23 and PTM™ 46x23 REPLACEMENT SCREEN

PYRAMID™ SCREEN TECHNOLOGY
FOR MONGOOSE SHAKERS

Derrick now makes replacement screens to fit non-Derrick shale shakers. Continuing with its commitment to remain the leading technology provider of fine screens, Derrick's Research and Development department has developed a pretensioned screen for the Mongoose shale shaker. Utilizing Derrick's PMD™ and PWP™ technology, the PMD 46x23 and PTM 46x23 replacement screens are API RP 13C (ISO 13501) compliant to ensure accurate cut point designation.



PMD 46x23 Screen



PTM 46x23 Screen

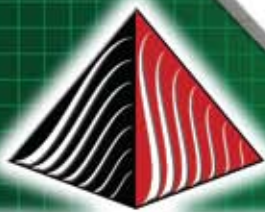
PMD™ and PWP™ TECHNOLOGY:

- **Pyramid Technology Offers Up to 56% More Screen Surface Area When Compared with the OEM Screens** – When fitted with Derrick replacement screens, the Mongoose shale shaker offers the following area available for screening per API RP 13C:

27.2 sq. ft. with the PMD screen

17.6 sq. ft. with the PWP screen

- **PWP Bonding Squares** – 1"x1" bonding squares help improve cut point integrity by stabilizing the screen. Bonding squares also increase durability by reducing screen flutter and isolate any screen failures to a contained area.
- **Screen Cloth Technology** – Derrick screen cloth maximizes capacity while maintaining cut point integrity and minimizing near-size particle blinding.



PYRAMID™ SCREEN

API RP 13C (ISO 13501) COMPLIANT SCREENS

INCREASED SOLIDS REMOVAL RESULTS IN LOWER DRILLING COSTS

Derrick screens are designed to maximize solids removal capabilities while significantly reducing costs associated with drilling fluid and disposal. Utilizing Derrick screens will lower the percentage of drilled solids in the mud system. Less dilution will be required, decreasing both total drilling fluid requirements and disposal costs. In addition, cleaner drilling fluid will decrease down hole problems which can adversely affect drilling time. All the benefits of clean drilling fluid lead to one end result: **LOWER DRILLING COST.**

ADDITIONAL FEATURES:

Performance – Maximize solids removal capabilities while significantly reducing costs associated with drilling fluid and disposal:

- Increase shaker fluid capacity
- Increased ROP
- Finer solids separation
- Increase solids removal
- Decrease mud loss
- Decrease cost: drilling fluid and waste
- Longer screen life

Value – Continued commitment to remain the leading technology provider in fine mesh screens:

- API RP 13C Compliant
- Quality wire cloth integrity
- Reduced screen flutter
- Cut point integrity
- Screen finer, faster
- Increased API non-blanked screen area

NEW DERRICK API RP 13C (ISO 13501) PART NUMBERS

DX Series		DF Series		Part Number Example:
New Part #:	Old Part #:	New Part #:	Old Part #:	PMD46x23DX-A140
DX-A200	DX 250	DF-A325	NEW	
DX-A170	NEW	DF-A270	NEW	
DX-A140	DX 175	DF-A230	DF 280	
DX-A120	NEW			
DX-A100	DX 140			
DX-A80	DX 110			
DX-A70	DX 84			
DX-A60	DX 70			
DX-A50	NEW			
DX-A45	DX 50			
DX-A40	DX 44			
DX-A35	DX 38			



API RP 13C (ISO 13501)
COMPLIANT SCREENS

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