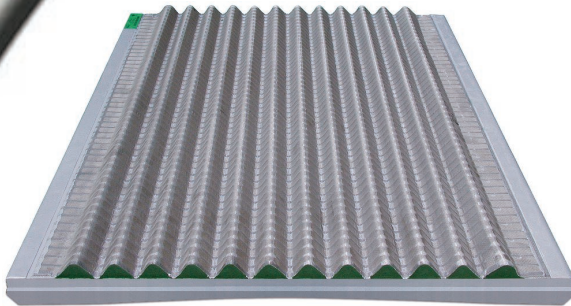




## V300™ and V100™ REPLACEMENT SCREEN

PYRAMID™ SCREEN TECHNOLOGY  
FOR VSM 300 and VSM 100 SHALE SHAKERS



PMD V300 Replacement Screen



PMD V100 Replacement Screen (Under-side)

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 Pyramid™ screen for the VSM 300 and VSM 100 shale shakers. Utilizing Derrick's DX™ screen cloth with PMD™ and PWP™ technology, the V300™ and V100™ replacement screens are API RP 13C (ISO 13501) compliant to ensure accurate cut point designation.

### **PYRAMID™ SCREEN TECHNOLOGY:**

*Offers Up to 145% More Screen Surface Area When Compared with the Red Hex Screen* – When fitted with Derrick's V300 and V100 replacement screens, the VSM 300 and VSM 100 shale shakers offer the following non-blanked screen area available for screening per API RP 13C:

VSM 300: 20.8 sq. ft. with the PMD V300  
(145% more area than the Red Hex)  
(64% more area than the Red Diamond)

14.6 sq. ft. with the PWP V300  
(72% more area than the Red Hex)  
(15% more area than the Red Diamond)

VSM 100: 20.4 sq. ft. with the PMD V100  
(122% more area than the Red Hex)  
(49% more area than the Red Diamond)

15.8 sq. ft. with the PWP V100  
(71% more area than the Red Hex)  
(15% more area than the Red Diamond)



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

**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
- Increased API non-blanked screen area
- Screen finer, faster

**Safety** – Personnel safety in handling:

- Lightweight screen panel (18.5 lbs)
- Specialized protective coating prevents pneumatic seal failure and ease of personnel handling

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

DX Series		DF Series		Example:
New Part #:	Old Part #:	New Part #:	Old Part #:	New Part #:
DX-A200	DX 250	DF-A325	NEW	PMD500HP-A120
DX-A170	NEW	DF-A270	NEW	Old Part #: PMD500HP150
DX-A140F	DX 210	DF-A230	DF 280	
DX-A140	DX 175			
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			



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