



HT™ SCREEN

REPLACEMENT SCREENS FOR HIGH TEMPERATURE AND GLYCOL MUD SYSTEMS

Derrick has once again improved screening technology with the introduction of the Pyramid HT™ Screen Series (PMDHT™ and PMDHT+™). The HT Series screen is constructed with a revolutionary new bonding material that offers superior screen life in glycol mud systems and/or high temperature applications where flowline temperatures exceed 130°F (54°C). This new design, like all Derrick screens, is API RP 13C (ISO 13501) compliant to ensure cut point integrity.



Pyramid™ Screen (PMD™)



Pyramid™ Plus Screen (PMD+™)

BENEFITS OF HT SERIES SCREENS:

- **High temperature service, from 130° to 170° F (54° to 77° C)**
- **Field tests have shown the HT screen exceeded conventional screen life by 625% on a Glycol mud system**
- **Available with DX™, DF™ and HP™ series cloth**
- **Available in all Pyramid and Pyramid Plus panels with the benefits of:**
 - **Increased Shaker Capacity** – Pyramid and Pyramid Plus screens increase the total amount of usable API non-blanked screen area by 105% and 184% on a Derrick FLC 514 shaker.
 - **Screen Finer Faster** – Utilizing Pyramid or Pyramid Plus screens enables rigs to screen 2 to 3 mesh sizes finer than with traditional flat panel screens without sacrificing capacity. This maximizes solids removal capabilities.
 - **Makes Fine Separations** – Capable of making separations as fine as 43 microns.
 - **Drier Cuttings** – Pyramid screens minimize fluid loss by spreading thinner layers of fluid over a relatively larger screen surface, offering more effective drying results.



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.**



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

DX Series		HP Series		DF Series	
New Part #:	Old Part #:	New Part #:	Old Part #:	New Part #:	Old Part #:
DX-A200	DX 250	HP-A325	HP 310	DF-A325	-
DX-A170	-	HP-A270	-	DF-A270	-
DX-A140	DX 175	HP-A230	-	DF-A230	DF 280
DX-A120	-	HP-A200	HP 230	DF-A200	DF 230
DX-A100	DX 140	HP-A170	HP 200	DF-A140	DF 200
DX-A80	DX 110	HP-A140	HP 180	DF-A120	DF 165
DX-A70	DX 84	HP-A120	HP 150	DF-A100	DF 145
DX-A60	DX 70	HP-A100	HP 125	DF-A20	DF 24
DX-A50	-	HP-A80	HP 100		
DX-A45	DX 50	HP-A70	HP 80		
DX-A40	DX 44	HP-A60	HP 70		
DX-A35	DX 38	HP-A50	HP 60		
		HP-A45	HP 50		
		HP-A40	HP 45		
		HP-A35	HP 40		

Example:

New Part #: PMD500HP-A120

Old Part #: PMD500HP150



API RP 13C (ISO 13501)
COMPLIANT SCREENS

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