



MMD HEAVY DUTY APRON PLATE FEEDER



MMD World Leaders In MINERAL SIZERS™
Sizing Minerals Around The World

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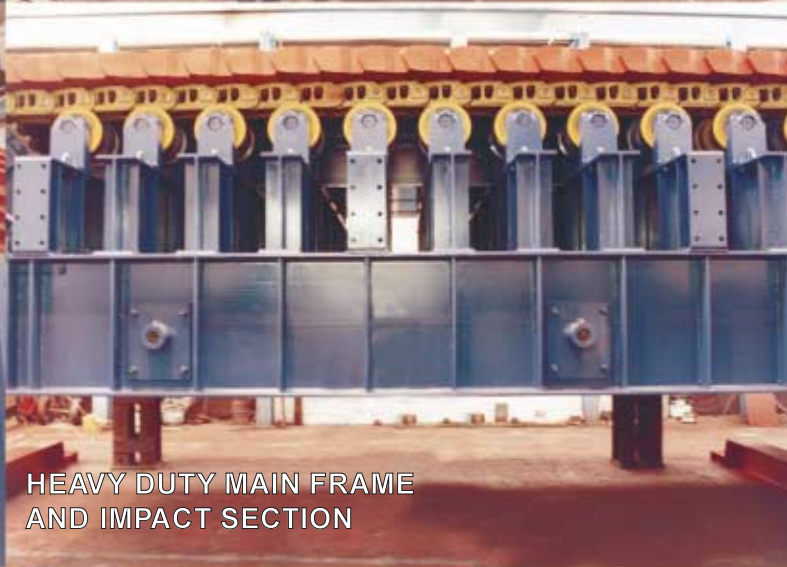
CAT. REPLACEABLE
SPROCKET SEGMENTS



ELECTRO-MECHANICAL VARIABLE
FREQUENCY DRIVE



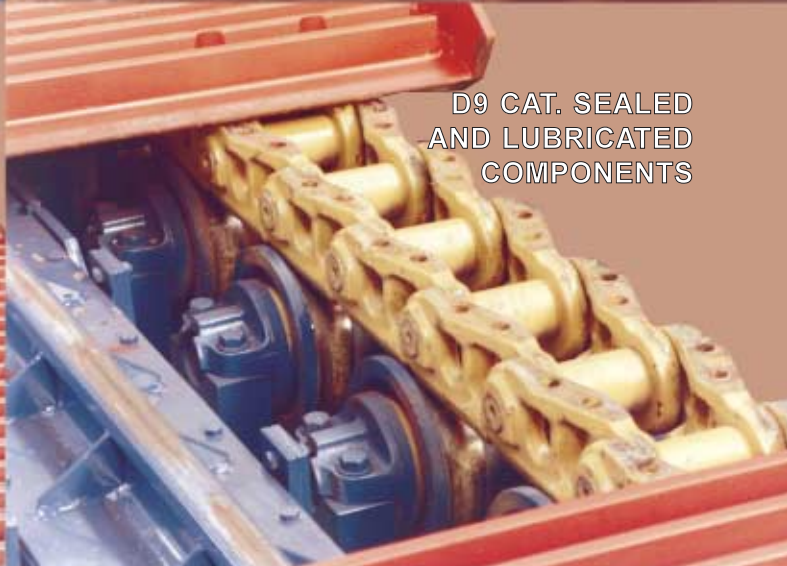
TENSIONABLE TAIL END
SHAFT ASSEMBLY



HEAVY DUTY MAIN FRAME
AND IMPACT SECTION



ROLLED ALLOY STEEL
TRAY SECTIONS



D9 CAT. SEALED
AND LUBRICATED
COMPONENTS



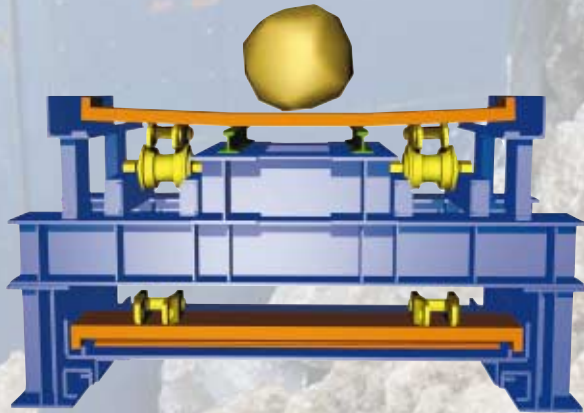
HÄGGLUNDS
MARATHON
HYDRAULIC
DRIVE

MMD World Leaders In MINERAL SIZERS™

MMD heavy duty Apron Plate Feeders are often arranged beneath tipping points, transporting raw material to the crushing plant, where their combination of reliability and robustness have proven to give many years of trouble free operation with minimal maintenance.

The mainframe is a fully welded one piece fabrication, utilising rolled steel beams, ribbed and stiffened. The frame is designed for optimal strength, both transversely and longitudinally, so that supporting steelwork can be minimised, enabling ease of on site installation.

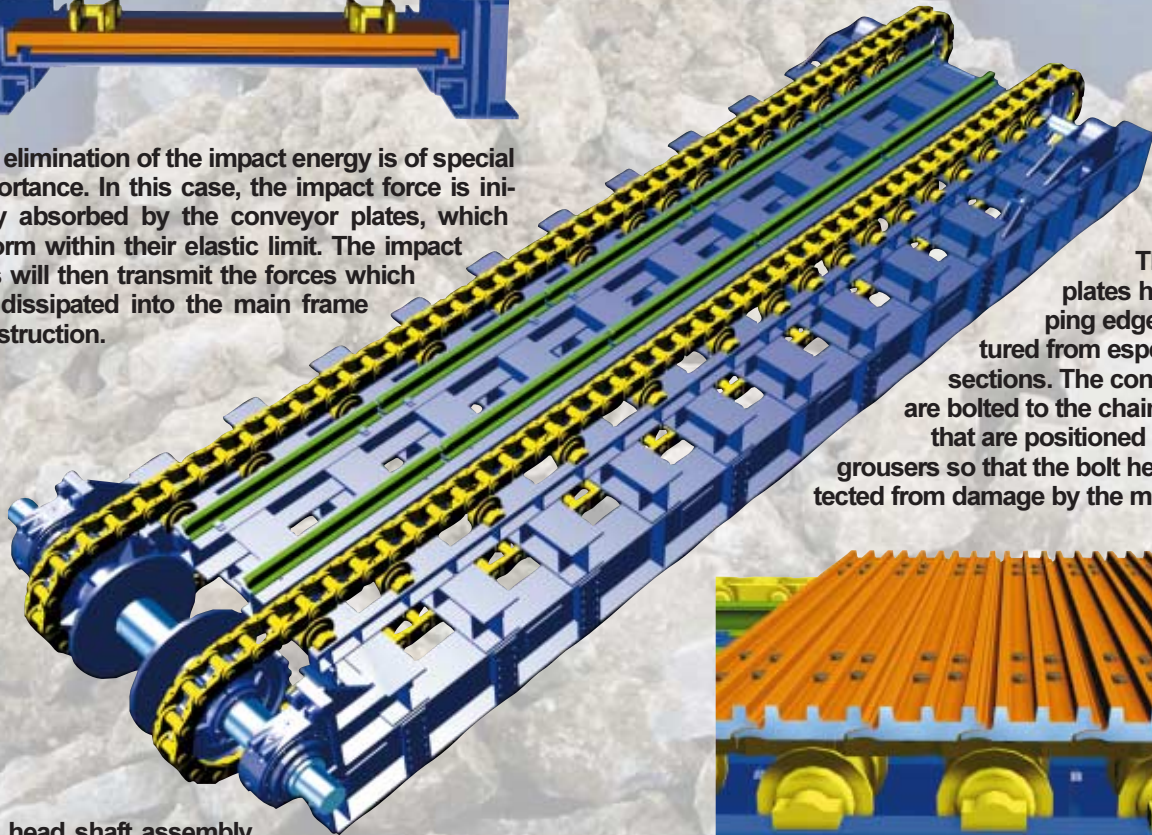
The thickness of the conveyor plates and the size of the CAT chain and rollers are all increased proportionally. Standard widths available are 1500, 2000, 3000, and 4000mm on D4, D7, D9, and D11 chains.



All MMD Feeders use two strands of heavy duty Caterpillar tractor chain. Close toleranced sealed and lubricated track links are used to eliminate internal pin and bush wear.

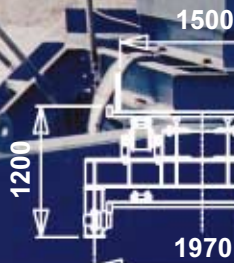
The elimination of the impact energy is of special importance. In this case, the impact force is initially absorbed by the conveyor plates, which deform within their elastic limit. The impact rails will then transmit the forces which are dissipated into the main frame construction.

The conveyor plates have overlapping edges, manufactured from especially rolled sections. The conveyor plates are bolted to the chains with bolts that are positioned between the grousers so that the bolt heads are protected from damage by the material being conveyed.

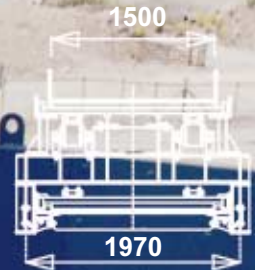


The head shaft assembly has special discs in line with the impact rails to provide additional support to the conveyor plates as they go around the head shaft.

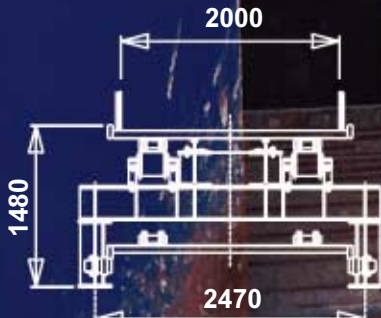




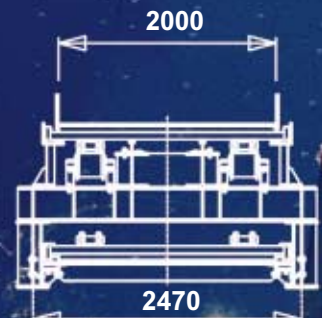
D4



D4 F/R*



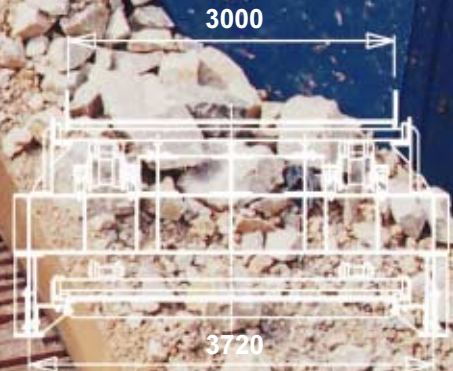
D7



D7 F/R*



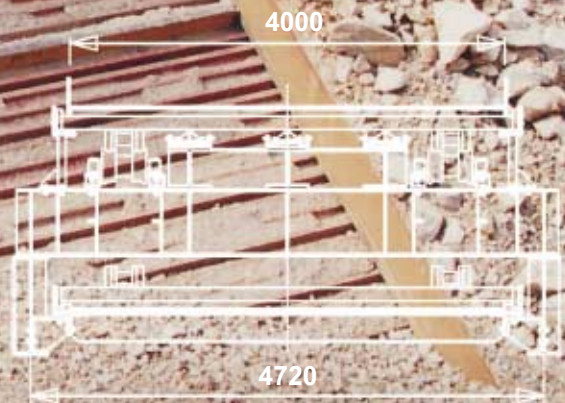
D9



D9 F/R*



D11



D11 F/R*

* With MMD Fines Retrieval System

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