



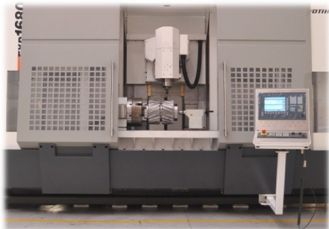
# Motor Pinions

Vulcan manufactures different design motor pinions used in Swing, Hoist, Drag and Walk Mechanisms of different Draglines.

Conventionally herringbone motor pinions are manufactured from high alloy steel, volume hardening to hardness 330-360BHN and AGMA 8-9 quality with close gap.

To meet the demands of the industry, Vulcan has reworked the manufacturing process to provide case carburized motor pinions with 58-62 HRC surface hardness and conforming to AGMA quality 10.

The combination of higher surface hardness and improved gear quality ensures better wear resistance and increased load carrying capacity thus improving the life of motor pinion substantially.



Pinions can be provided with eccentric bearing bushes to avoid fitment problem during assembly in original worn out gear case bores.

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