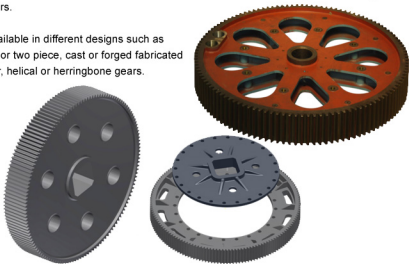




Main Gears

Vulcan manufactures main gears used as Hoist / Drag Main Gear, Propel Bull Gear, Gear Cam Shaft, Walk Gear, etc. with different nomenclatures adopted by different dragline manufacturers.

They are available in different designs such as single piece or two piece, cast or forged fabricated etc with spur, helical or herringbone gears.



Vulcan manufactures all types of gears. Cast gears are UT tested, forged fabricated gears are made from alloy steel forged rings welded to high tensile steel plates duly stress relieved.

Gears are initially rough cut followed by stress relieving to remove stresses developed during machining. Subsequently final teeth cutting is carried out.

Please find herewith table showing our manufacturing capabilities.

Description	Product Range		AGMA / DIN Quality
	Max. OD (mm)	Max. Module (Dp)	
Spur Gears & Pinions	6300	50	AGMA 10 / DIN 8
Helical Gears & Pinions	6300	50	AGMA 10 / DIN 8
Double Helical Gears	3000	26 (1)	AGMA 10 / DIN 8



Gears are volume hardened to 280-320 BHN hardness. Vulcan can supply these gears with AGMA 10 / DIN 8 quality. Gear teeth are cut on Liebherr LC6000 machine which has got inbuilt testing facility for quality assurance. Test reports can be submitted along with the supply.

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