



## TUBE DRAWING MILL GEAR UNIT



Steel tubes having diameter 20 to 50 mm sizes are drawn by cold drawing process and process from steel stripes passes through each gear unit output double shafts on which different formation of shape dies are mounted on both output shaft between dies, steel stripes passes results to form a steel tube of specific diameter. These type of Gear units are installed in series. The first gear box is having three input in which the first input is connected to electric motor. Second input is connected to the input of next gear box and the third input is connected to generator so that in case of the power failure the process of drawing the tube will continue in operation. The other gear units in the series is having input shaft double extended. These type of gears are specially developed for one of the tube manufacturer in India.

### Technical specifications : -

Gear box	Ratio	Capacity
1 st gear box	9.75	46 KW at 1500 rpm
K190/80 FSH S/SO		
Gear Boxes in series	9.75	46
	19.06	45.5
	22.13	44
	24.86	40
	26.68	40

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