



# WIDE PLATES

WIDENS

THE HORIZON



मिश्र धातु निगम लिमिटेड  
MISHRA DHATU NIGAM LIMITED

## ABOUT MIDHANI

Mishra Dhatu Nigam Limited (MIDHANI), A Govt. Of India Enterprise company was setup in 1973 at Hyderabad, India. Midhani is an ISO 9001: 2015 & AS 9100: 2016 certified company with modern metallurgical facilities and technical competence. Midhani is listed in BSE / NSE (Code BSE: 541195 / NSE: MIDHANI) with 26% shares in public

Midhani specializes in manufacturing wide range of Super alloys, Titanium alloys and Special steels meeting stringent international standards for application in Aerospace, Defence, Energy, Space, Chemical and other Hi-tech industries. With the dedicated research facilities, decades of experience and accredited testing facilities, Midhani is capable of manufacturing more than 500 different grades of materials under single roof.

In order to be self reliant in wide plates, Midhani has set up a new wide plate mill with unique features capable of producing sheets & plates of Super alloys, Titanium alloys and Special steels from 4mm and above thickness with width upto 3m meeting stringent international quality requirements. This wide plate mill give the flexibility to roll a broad mix in a single mill built into the layout that contains all the necessary ancillary processes, in levelling, shearing, distortion free quench-hardening, tempering and sizing gives an edge to Midhani in producing quality products to the most demanding customers across the globe.

## PROCESS FLOW



Slabs



Walking hearth furnace



High pressure descaling



4Hi Rolling



HT (Annealing / Tempering)



Cooling bed



Leveller



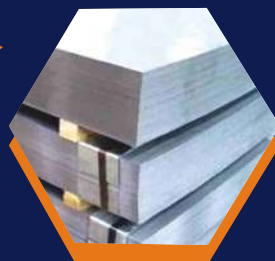
Shearing



Marking & Stamping



Inspection



Packing & Dispatch

# WIDE PLATE MILL

## CAPABILITIES

- Walking Hearth Furnace
- High pressure descaler
- 4Hi Mill stack
- Hot Dividing shear
- Hot/Cold Plate leveller
- Roller Hearth Furnace
- Controlled Pressure quench
- Tempering Furnace
- Shot Blasting
- Pickling



## Product & Size Range:

Plate Thickness	Low Alloy Steels	Stainless Steels	Special Steels	Titanium & Ti Alloys	Super Alloys
6 to <8	2500	2000	2000	1250	1250
8 to <10	2500	2500	2500	1500	1500
10 to <16	3000	3000	2500	2000	1500
16 to <25	3000	3000	2500	2500	1500
25 to 50 & above	2500	2500	2500	2500	1500

## Unique features:

- Only facility in India capable of manufacturing Super alloys, Titanium alloys and Special steel plates of width above 1500mm and upto 3000mm
- Capable of manufacturing broad mix of alloys in single mill
- Plates can be manufactured with close controlled thickness
- Better quality meeting stringent Domestic & International specifications





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