



## MET-TECH | Product Data Sheet

**HOT ROLLING MILL PLANT - WIDTH: 1500 MM, THICKNESS: 12 - 1.8 MM**

**Description:** HOT ROLLING MILL PLANT - WIDTH: 1500 MM, THICKNESS: 12 - 1.8 MM

**Ref. No.:** HOTRMPLANT09701

**Year:** 1967, 1985

**Brand:** OFU, SACK-MESTA, ASEA

**Qty. 1 Second-hand hot rolling mill plant**

**Entry strip thickness:** max. 12 mm Exit strip thickness

**Strip width range:** 1000 ? 1500 mm

**Finishing speed:** 6.6 mm/sec. at 2.0 mm thickness

**Manufacturer (Mfc.):** Sack-Mesta Built

**Revamping:** 2000 (AGC control-field reversind of roughing mill-double motors installation

**on finishing mills)**

**The main equipments of the hot strip mill are the following.**

**1.Reheating furnace OFU for slabs with capacity of 250 TN/Hr**

**Mfc.:** OFU Built

**Dimensions of slabs:** L x W x H 1020x200x10 , 1270x180X10 , 1550X150X10

**2.Furnace roller table with ac drive motors Mfc.:** Flender Built

**3.DC feed roller motors behind the roughing mil. Mfc.:** KLOSE Built

**4.DC feed roller motors in front of the mill. Mfc.:** KLOSE Built

**5.High pressure water descaling Mfc.:** Sack Built

**6.Two high reversing roughing mill with dc motor rated on 4000 KW (dimension of rolls 2150\*1140 mm) Mfc.:** SACK-MESTA , ASEA Built

**7.Roller table with dc motors in front of the finishing mill. 200 x 0.77 KW Mfc.:** KLOSE Built

**8. Roller table with dc motors behind of the finishing mill. 75 x 1.2 KW Mfc.:** KLOSE Built

**9.Vertical edging stand with dc motor rated on 600 KW. Mfc.:** ASEA Built

**10.Five finishing stands(quarto type) ? Mfc.:** SACK-MESTA Built

**Backup rolls dimensions 1250 mm**

**Working rolls 620 mm face for both 1650mm.**

**The four first stands are driven by double motors LC189 rated on 2500 KW ,**

**The fifth stand is driven by a single LC189 motor.**

**The total number of LC189 motors is nine (9).**

**11.Centering devices**

**12.Edging stand screw downs assembly.**

**13.Roughing stand screw downs assembly.**

**14.Grease lubricating system for two high reversing stand , screw down device.**

**Mfc.: SACK Built**

**15.Grease lubrication system for roll bearings horizontal and vertical stands and roller bearings**

**for roller tables. Mfc.: SACK Built**

**16.Oil lubrication system 100l/min. Mfc.: Sack Built**

**17.Pressure water system for balancing roughing mill. 125 bar Mfc.: Sack Built**

**18.Pressure water system for descaling device. Mfc.: Sack Built**

**19.Entry guides in front of the tray crop shear Mfc.**

**20.Rotary crop shear. Mfc.: SACK Built**

**21.Finishing stands screw downs.**

**22.Loop lifters between stands.**

**23.Grease lubricating system for the finishing mill Mfc.: SACK Built**

**24.Hydraulic pump for roll changing device. Mfc.: Sack Built**

**24A.Side guides in the finishing mill.**

**25.Coiler is driven by DC motors Mfc.: SACK-ASEA Built**

**26.Coiler pinch rolls.**

**27 Wrapper rollers.**

**28.Entry guides in front of the coiler.**

**29.Pinch rolls and water spray.**

**30.Hydraulic system for coiler , tilting table . Mfc.: SACK Built**

**31.Oil lubrication system for coiler. Mfc.: SACK Built**

**32.Morgoil system.**

**33.High pressure water system for balancing finishing mill. Mfc.: Sack Built**

**34.High pressure water system for strip and roll cooling. Mfc.: Sack Built: 1967**

**35.Millmate pressductors ? millmate Roll force system ABB TECHNOLOGY**

**36.AGC system (automatic gauge control) Mfc.: Gloucester Built**

**37.X Ray gauges radiometrie. Mfc.: Gloucester Built**

**38.Power supply local substation with three trafos each rated on 7500 KVA , 22 KV/0.935V and three trafos rated on 2400 KVA, 22 KV/0.4KV.**