

Used 12 Hi Reversible Rolling Mill

Complete Set Coming with Sand Blast Line
Make: Kobelco Japan
Year 1986

ROLLING MATERIAL

Coil Figuration : with and without spool
Material Quality : main carbon steel body and stainless steel
Sheet Thickness : Maximum 3.2 mm
Coil Width : Maximum 1,250 mm - Minimum 900mm
Coil mass : Maximum 22,000 kg
Coil inner diameter : 508 mm
Coil outer diameter : Maximum 1,850mm - Minimum 1,100 mm
Spool size : 508 mm (inner diameter) X 631mm (outer diameter) X 1,290 mm (coil width)

PRODUCT

Coil figuration : with and without spool
Sheet thickness : Maximum 1, 8 mm & Minimum 0, 4 mm
Coil inner diameter : 508 mm (in case there is no spool)
Coil outer diameter : Maximum 1850 mm
Spool size : 508 mm (inner diameter) X 631 mm(outer OD) X 1,290 mm (coil width)

4-3 ROLLING MACHINE

Form : 12 HI reversible, 4 pillars, oil pressure (full Set)
Roll size : standard work roll 80mm (diameter) X1, 400 mm (roll length)
Large diameter : work roll 150 mm diameter X 1,400 mm (roll length)
Supporting roll 300mm (diameter) X 1,360 mm (body length)
Rolling force permission : 450 tf {4,412 k N}
Rolling speed : 0-120/300m/min
Threading speed : 15m/min 20 stages actual result
"but in case of sourcing locally there's possibility to be changed"

WINDING TENSION AND SPEED

Low gear : 13,300-1,330kgf 0-250 m/min {130, 4-13,0k N}
High gear : 10,000-1,000kgf 0-33 m/min {98, 0-9,8k N}

ROLL COOLANT

Flow rate : 2500 ℓ/min (Inside 400ℓ/min support roll lubricating)
The type of oil : mineral oil (about 15cSt at 10 C)
Main electric motor : one -DC800kw 0-400/1,000 rpm
Crack motor setting : one -DC 15 kW 500/1,500 rpm
Main reel motor : two- DC 600 kW 0-350/ 1,350 rpm

VARIOUS SUPPLY SOURCE

Cooling water source : 3kg f /cm² {0, 29 Mpa} 1,5kg f/cm² {0,147}
Upper difference pressure, under 32° C, over 2° C
Compressed air source : Maximum 7kg f /cm (0, 68 Mpa)
Daily use 5 kg f/cm (0, 49 Mpa)

In case of desiring an appropriate equipment for the terminal block, here are the following power and ground generating line.

The power : AC6600 v \pm 10% 60 HZ 3 phase 1 circuit
Ground generating line high tension equipment : the first sort X2 pole 2 generating line
Low tension equipment : the third sort X 1 pole 1 generating line
Electronic equipment : special third sort X2 pole 4 generating line.

one sand blast unit is coming with Mill is in export packed condition from Japan

Available with

translated to English all installation documents
AutoCad drawings for all foundation and layout
operation and maintenance documents in English
approved operational test before dismantling in reports and video