

METSELL



Leading Metal Technology Developer

- ▶ Heavy-Duty Metallurgical
- ▶ Equipments Provider



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PART 01

STEELMAKING EQUIPMENTS FOR MELTSHP EAF STEELMAKING - ADVANCED AND ENERGY-SAVING EQUIPMENT

- *High capacity with availability*
- *Rise the melting efficiency*
- *Increase equipments lifetime and decrease equipments failure possibilities*
- *Reduce the cost of investment and plant operation*
- *Minimize the impact to the environment*
- *Remaine market competitive*



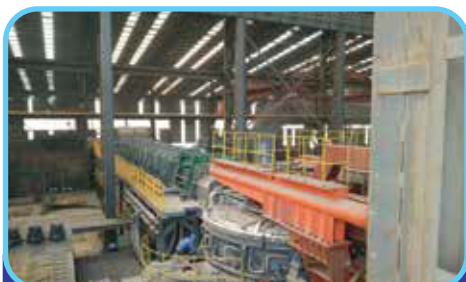
EPC Project for Steelmaking Plant



EAF Furnace



Consteel Furnace for Steelmaking



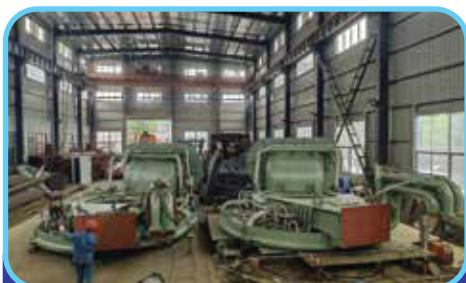
EAF Furnace



Consteel Furnace for Steelmaking



Roof of the EAF Furnace



Roof of the EAF Furnace



Bottom of EAF Furnace



Spare Parts for EAF Furnace



Water Cooling Cables For EAF Furnace



EAF Furnace Middle Body



Electric Arc Conductive Arm

STEEL REFINING EQUIPMENT - HIGH EFFICIENCY AND HIGH STEEL QUALITY

- *Shorten the materials charging time*
- *Reduce the energy consumption*
- *Top quality treated steel*
- *High performance and productivity*
- *Save the steelmaking process operational cost*
- *LF Furnaces improve the steel quality and productivity*
- *Increase the molten metal temperature*
- *Adjust the alloy elements in the treated steel*
- *Desulfurization, remove inclusions*



LF Furnace Refining



Ladle with Ladle Car



Roof of LF Furnace

PART
02

CONTINUOUS CASTING MACHINE BILLET CCM - HIGH EFFICIENCY AND EASY OPERATION

- *Compact design*
- *High productivity*
- *Flexible operation*
- *Top quality product*
- *Low maintaining cost*
- *Safe and fast mold exchange during casting*



CCM



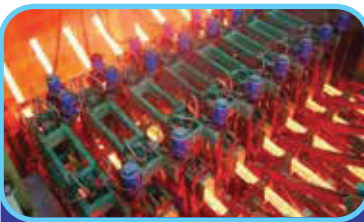
Rigid Dummy bar



Turret



Tundish



8 Stand Billet CCM



Tension Levellers in Segment



Oscillator



Mold

PART 03

BAR MILLS AND WIRE ROD MILLS TOP LEVEL ARTCRAFT DESIGNED EQUIPMENT

- *High speed, High productivity.*
- *Products: Straight bar, Bar-in-coil and wire rod*

BAR MILL - REASONABLE STRUCTURE DESIGN AND HIGH DURABILITY



Rolling Mill Stand



Bar Hot Rolling Mill Stand



Rolling Mill



Cooling Bed

ROD MILL EQUIPMENT - HIGH SPEED, RELIABLE AND FLEXIBLE



High Speed Wire Rod Rolling Equipment



Wire Rod Production Line



Laying Head

PART 04

COLD ROLLING MILLS



Reversing Cold Rolling Mill



6 Stand Tandem Cold Rolling Mill



Housing Cold Rolling Mill

REVERSING COLD MILL

- *Small to medium production capacity*
- *Easy access to the mill for maintenance*
- *Acceptable tolerance of the strip quality*
- *Compact design and perfect construction*

SKIN-PASS MILL

- *Precise finishing and perfect fitness*
- *High surface quality*
- *Wet and dry skin-passing*
- *6-high Universal Crown Control Mills*



20-High Sendzimir Cold Rolling Mill



600-1500mm Cold Rolling Skin Pass Line



Saddles of 20-High Sendzimir Cold Mill



Assembly Gear Box

PART 05

STRIP PROCESSING PRODUCTS - FOR HIGH END MARKETS. CONTINUOUS HIGH-EFFICIENT GALVANIZING LINES AND PROVEN TECHNOLOGY

- *Including strip picking and continuous annealing.*



Continuous Galvanizing Line (CGL)



Continuous Annealing Process Section



Strip Zinc Coating Line



Zinc Pot (Zinc Kettle) Section



Looper (Accumulator)



Exit Section of CGL



Uncoiler



Pay-off Reel and Tension Reel



Continuous Annealing Line



Pickling Line



Rewinding Line



Tension Leveler Line



Cold Plate Roller Leveler



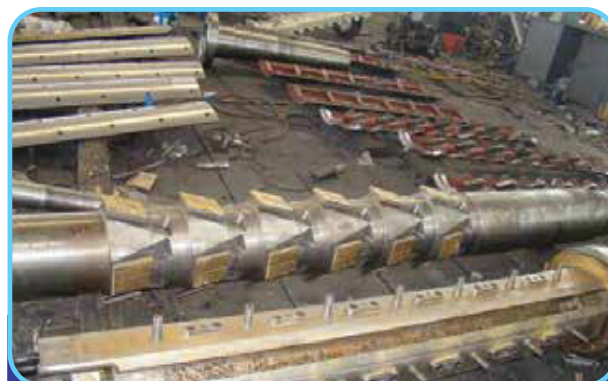
2250mm Cross-Cutting Line



Uncoiler/ Coiler



Mandrel



Mandrel Parts

PART
06

COLOR COATING LINES -
PRODUCE COLORFUL STRIPS FOR ANTI-CORROSION APPLICATIONS

- *Outstanding strip-coating quality.*
- *High speed continuous coating.*



Color Coating Line



Laminating Machine



Organic Color Coating Line



Strip Tension Machine



Our Global Presence



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