

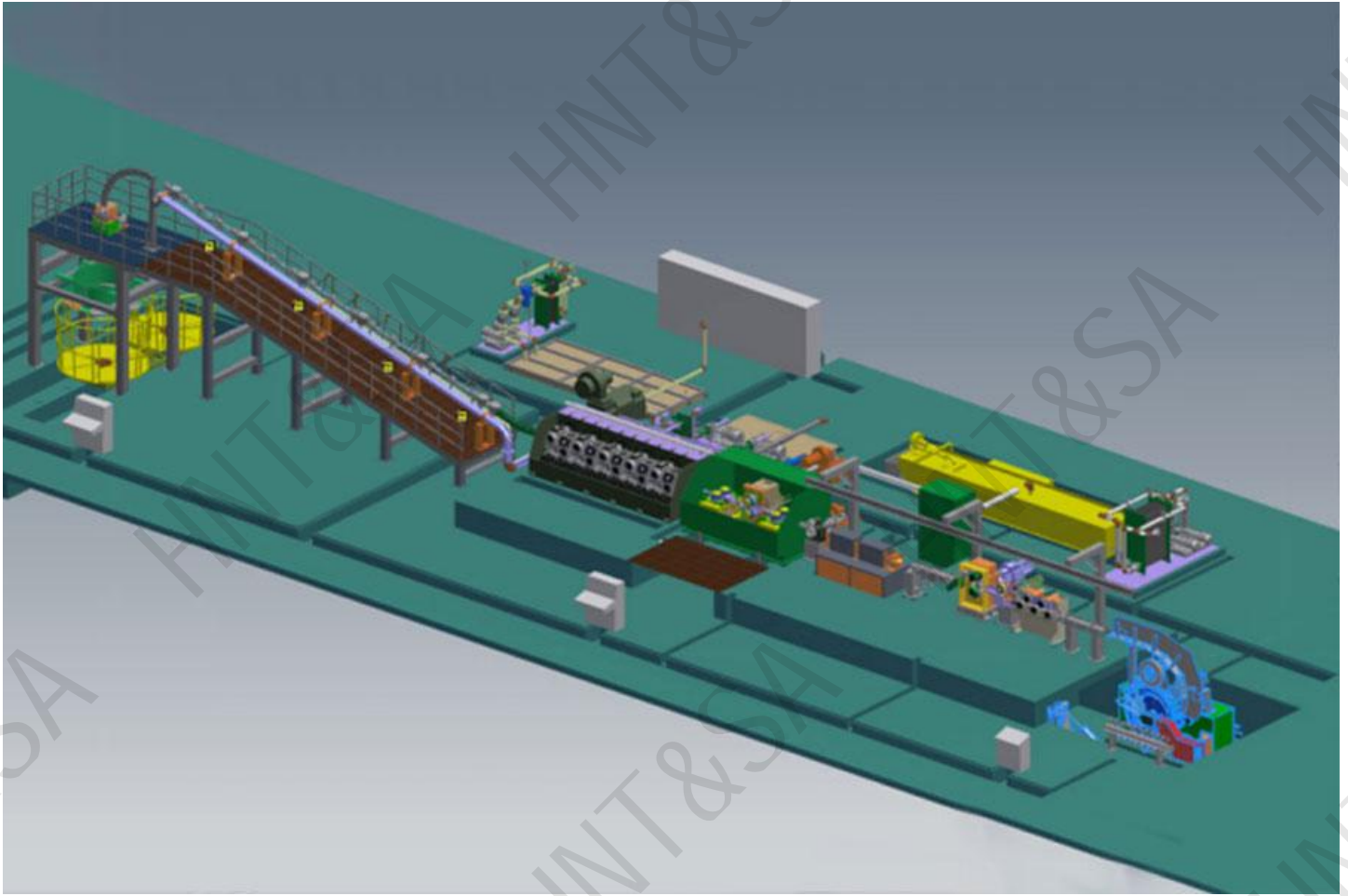


Aluminum/Alloy Rod Continuous Casting and Rolling Line

1. Description

- Production line is mainly used in the high tensile conductive rod production of 9.5MM, 12.5MM, 15MM aluminum and aluminum alloy (EC1350, Series No 3#, 5# (5005、 5154) , 6# (6101/6201) and Series No. 8 (8176, 8030), etc. The technology of the line can meet the standard of European and American.
- The production line is composed by the melting furnace, holding furnaces, four wheel continuous casting machine, straightening machine, front traction, rolling shear machine, medium-frequency heating furnace, feeding machine, continuous mill machine, cooling system, take-up rod device and electrical control system.
- The crystallization wheel adopts H-type structure, all sides cooling and the ingot casting is dense and uniform. There are three kinds of combination forms of two rollers type, three rollers type and two rollers + three rollers type for customers to choose. Provide the production line which output is 4.5 tons, or 7.2 tons per hour.
- The electrical control system design is advanced and adopts programmable logic controller (PLC) + human machine interface (touch screen) control, the electrical control system controls the whole line linkage and monitors the running status.

2. Layout



5. Technical Parameters

Model	Rod Diameter	Rolling Times	(T/H) Capacity	Roller Mode	(T/H) Melting Furnace Capacity	(T) Holding Furnace Capacity	Furnace Energy	Product Mark
5T	9.5 12 15	255/15	4.5-5	3rollers	6	10-15	Natural gas,LPG	1、6、8
6.8T	9.5 12	320/2+255/14	5-6.8	2rollers+3rollers	12	20-25		
7.2T	9.5 12	320/10	6-7.2	2rollers	12	20-25		

备注：以上最大产能均为 1 系 9.5mm 铝杆的最大产能。