

Development of Continuous Casting Technologies at Kawasaki Steel*

Synopsis:

The development of continuous casting technologies

Efforts were therefore made to improve the operating ratio by casting super-long continuous sequences, and in

width changes are no longer required.

(3) Tundish hot reeling

991, a super-long sequence of 927 casts was achieved,

Preheating of the next tundish is sometimes inade-

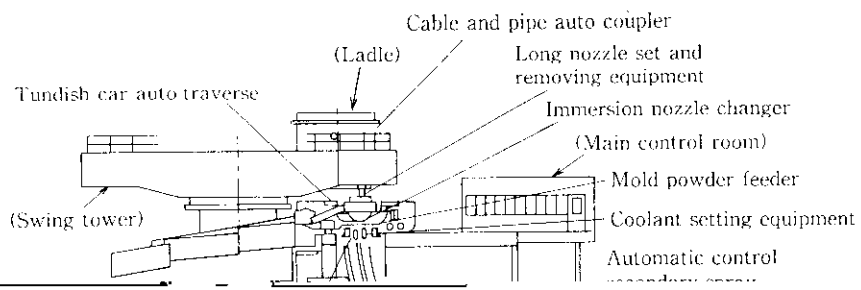
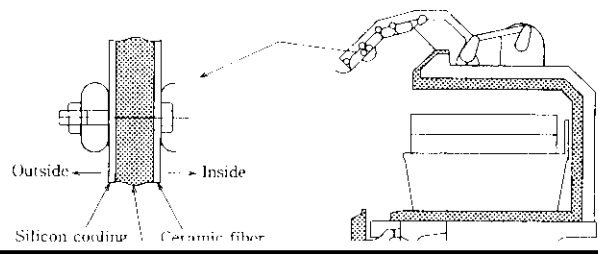
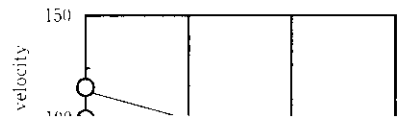


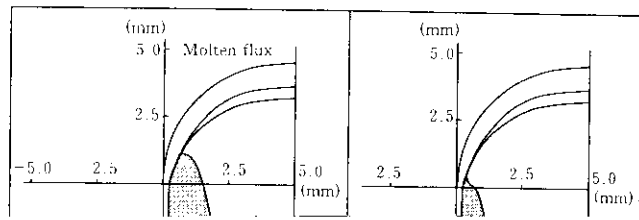
Table 1 Key technologies for high productivity and high quality

Equipment	Technologies of No. 4 C C at Mizushima Works
Tundish	Large tundish without air contamination
Mold	Adoption of Flow Control Mold High accurate and reliable mold level control High frequency oscillation system with



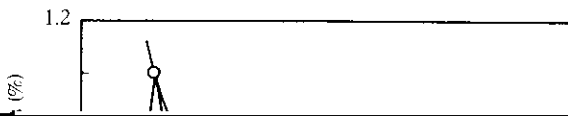
OSM





Thickness	Steel grade(C%)	Amount of
-----------	-----------------	-----------

1.0



transport cars allows DHCR with charging into the reheating furnace at temperatures of more than 850°C. Element technologies have also been developed to secure high quality through the entire section of the cast