

*****O gvcmt i kecnlgs wlr o gpv.
Gs wlr o gpv'ht 'dnw/hwt pceg'b gnkpi 'qr gt cvkqp'lwci g

O QDKNG'O KZGTU'HQT"J QV'O GVCN"J QNF KPI 'CPF "VTCPU RQTVCVKQP



O qdkng"o kzgt" /822

Special mobile automated mixers are designed to receive hot iron from blast furnaces, to transport hot iron to pouring area of converter workshop and to store hot iron in transit before discharging into the ladle. The mixer travels along the railway track by means of the locomotive. Hot iron is charged and discharged from the mixer through the throat opening. The mixer body is produced in two variants: cigar-shaped and with detachable bottom. The bottom is fastened to the body by means of special quick-lock devices.

Large capacity mobile mixers produced by NKMZ PJSC significantly facilitate the discharge of hot iron from blast furnaces. They also allow to reduce capital and operational expenses owing to design solutions, to transport hot-iron of higher temperature, to increase the temperature of charged iron by means of one pouring removal.

The mixers are distinguished from existing equivalents by the following design features:

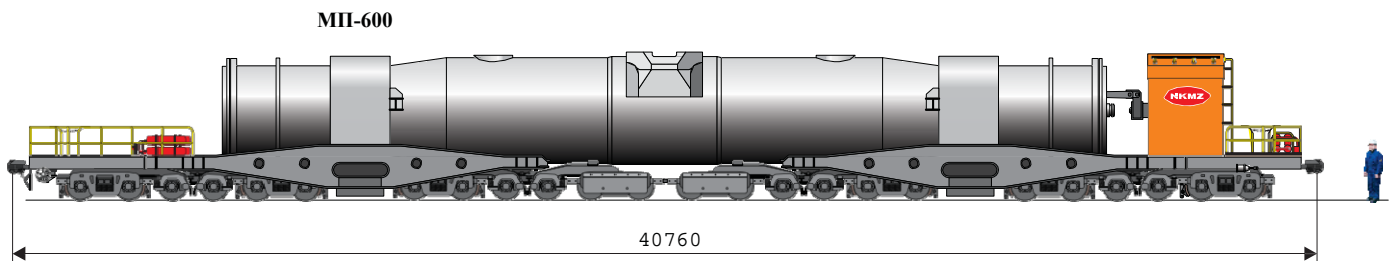
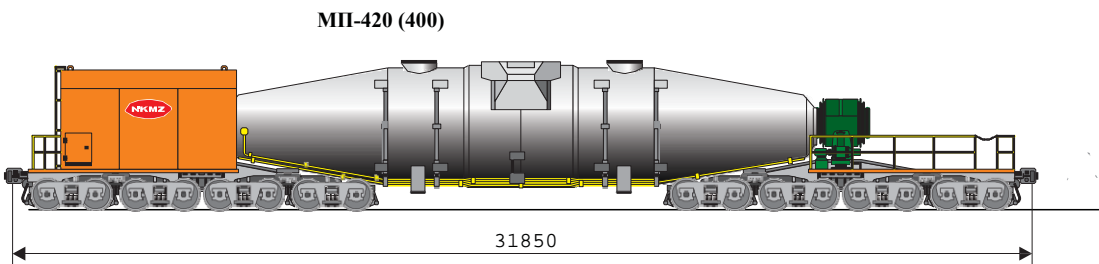
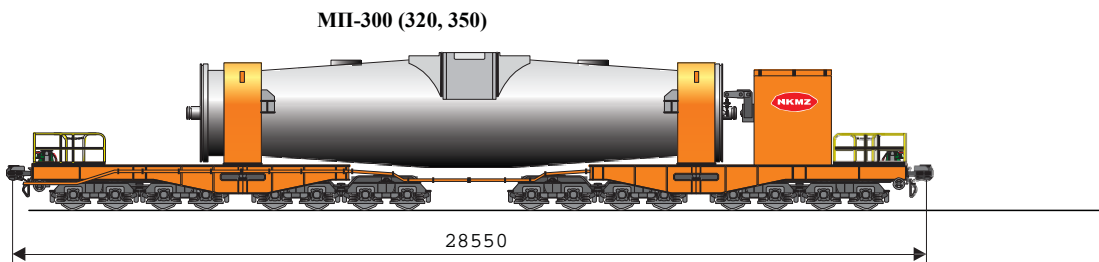
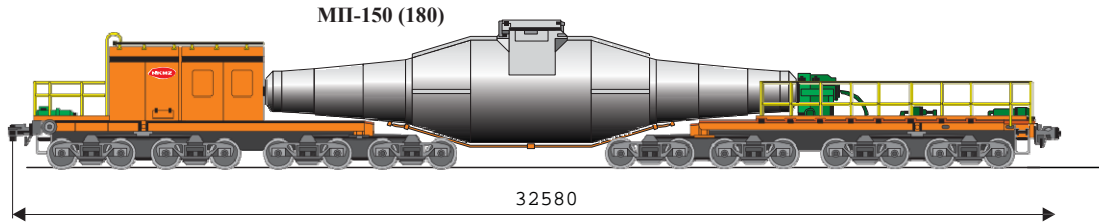
- Undercarriage comprises originally designed cars with roller sliding blocks;
- All supporting elements of the cars have center plate arrangement. Application of center plates improves mixer's negotiation a curves and, therefore, wearing quality of wheel pairs and rails.

In addition the mixers are equipped with automated system, including:

- device for power supply connection;
- fill rate control system;
- body temperature control system.

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 Gs wkr o gpv'ht 'dlru/hwt pceg'b gnkpi 'hr gt cvkqp'lxci g

O QDKNG'O KZGTU'HQT'J QV'O GVCN'J QNF RPI 'CPF "VTCPU RQTVCVKQP



Vgej plcn'lej ctcevgtkrkleu

Rctco gygt 'f guki pcvkqp	Xcnw'qh'o qf gnu'r ctco gygt			
Mixer capacity, ton	150	300	420	600
Max. travel speed, km/hr	12	12	10	12
Allowable track curvature radius, m	75	80	100	120
Max. axle load, tp	48	40	54	53,5
Tilting angle, deg	±180			
Mixer tilting rate, rpm	0,02...0,4	0,04...0,4	0,02...0,5	0,02...0,5
length (between automatic coupler axes), m	32,58	28,55	31,85	40,76
width, m	3,33	3,33	3,7	3,46
height (from the rail head), m	4,45	4,61	4,5	4,17