

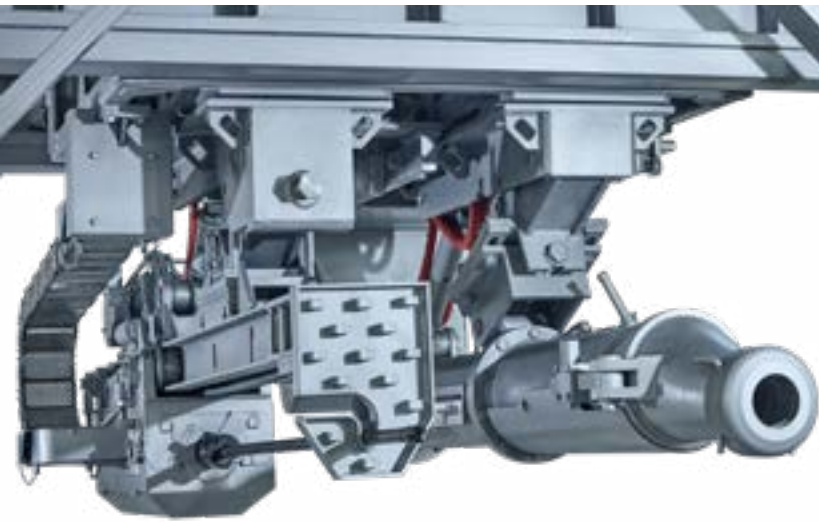


DHM GROUP
INTEGRATED SOLUTIONS FOR METALLURGY

MOST POWERFUL & RELIABLE TAPPING EQUIPMENT FOR FERRO-ALLOY AND NON-FERROUS FURNACES



FLEXIBLE IN INSTALLATION



Combined suspended drilling/plugging machine

CUSTOM-BUILT DESIGN

Every machine is being individually developed according to the furnace size and layout to meet any production requirements of our Customers.

WIDE RANGE OF MACHINERY TYPES FOR OPTIMAL ARRANGEMENT ON THE WORKING PLATFORM:

- Stationary floor or column mounted taphole drilling and mud gun machines
- Suspended taphole drilling and mud gun machines
- Combined suspended drilling/plugging machines
- Rodding machines

SOLID IN DESIGN

MUD GUN MACHINES

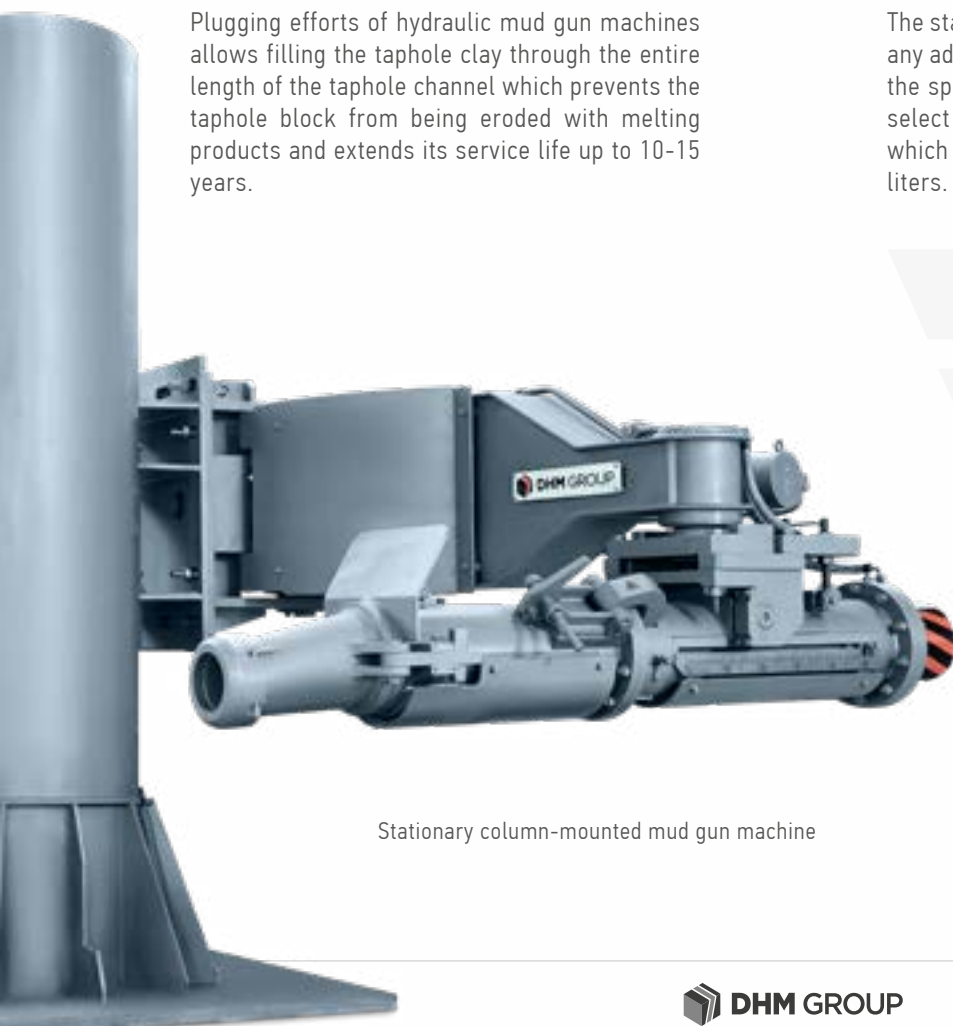
Plugging efforts of hydraulic mud gun machines allows filling the taphole clay through the entire length of the taphole channel which prevents the taphole block from being eroded with melting products and extends its service life up to 10-15 years.

The stationary mud gun machine does not require any additional grips on the furnace. Depending on the specific project requirements, our engineers select an optimal volume of plugging cylinder, which usually stands in the range of 40 to 100 liters.

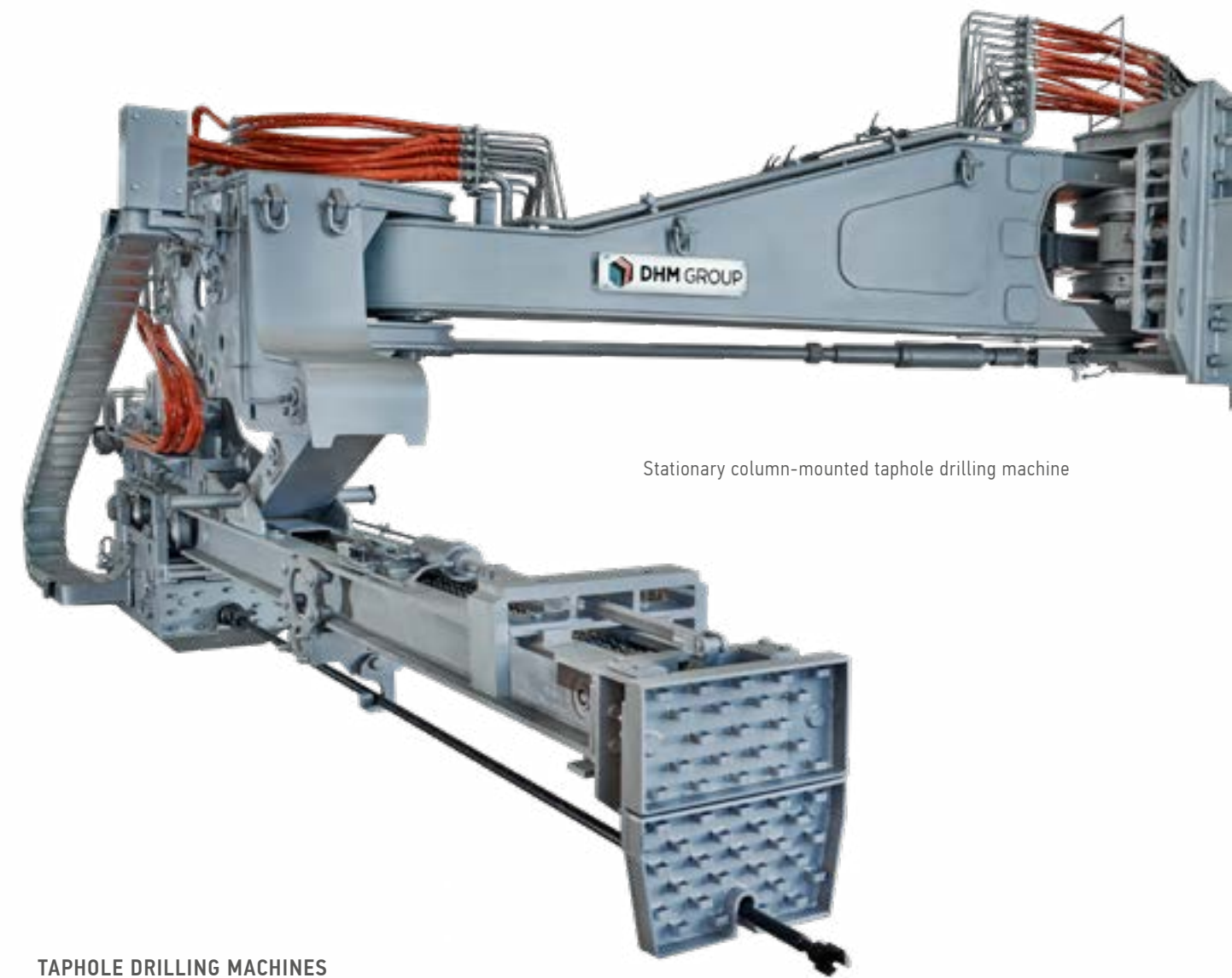
HIGHEST SAFETY STANDARDS

OPERATION IN FULLY AUTOMATIC MODE WITH CONTROL OF CLAY CONSUMPTION

MOST POWERFUL DESIGN TO MEET THE HARDEST OPERATIONAL CONDITIONS



Stationary column-mounted mud gun machine



Stationary column-mounted taphole drilling machine

TAPHOLE DRILLING MACHINES

Design of hydraulic taphole drilling equipment manufactured by DHM GROUP ensures its accurate and secure positioning on the taphole.

During normal operation, the high drilling torque of hydraulic puncher provides fast and safe taphole opening without hammering application. This extends the service life of taphole blocks. Overcoming the harder sections of the taphole is possible with high-power hammering, which can be applied at any moment.

EQUIPPED WITH SPECIALLY DESIGNED HYDRAULIC DRILLING PUNCHERS

FAST AND SAFE TAPHOLE OPENING IN 10...30 SECONDS

WIDE RANGE OF ADJUSTMENTS AND AUTOMATION

SAFE AND AUTOMATED IN OPERATION

All machines can be controlled in automatic, semi-automatic or manual modes with a stationary or remote control panel.

Operating systems are based on logical control algorithms and include equipment diagnostics, data archiving, visualization and connection with local APCS.



Equipment control panel

CONTINUOUS CONNECTION

DHM Group provides support and supervision services throughout the lifetime of equipment.

Our team is available 24/7 at a distance of one call.



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