



DANGO & DIENENTHAL

Products

Forging and Handling Technology

- Forging Manipulators
- Transport Manipulators
- Tool Manipulators
- Ingot Transport Cars
- Turntables
- Tool Changing Devices
- Handling Machines
- Heavy-Load Robots

Technology for Ferro-Alloy Plants

- Charging Machines
- Stoking and Distributing Machines
- Measuring Technology

Skimming Technology

- Skimming Machines
- Ladle Tilters

Filter Technology

- Filter Automats
- Combi Filters
- Multicartridge Filters
- Separators

Manufacturing Technology

- TMT Tapping Machinery
- TMT Measuring Equipment
- Other Special Equipment



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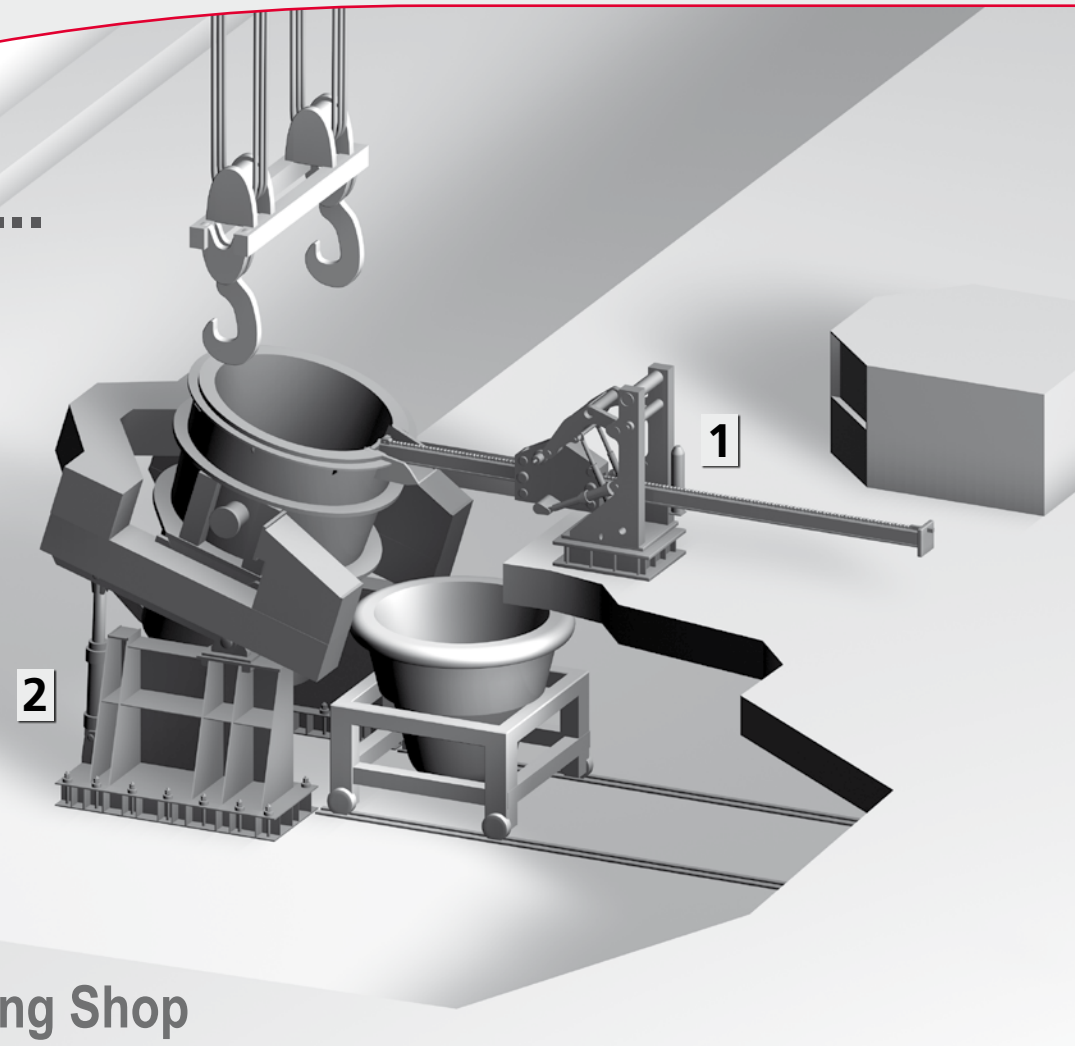
P.O. Box 100203 • 57002 Siegen, Germany • Hagener Straße 103 • 57072 Siegen, Germany
Phone ++49/0271 401-0 • Telefax ++49/0271 401-210 • e-mail: dds@dds-gmbh.com
www.dango-dienenthal.de

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Skimming Technology



Products...



...in the Melting Shop

1 Skimming Machine

2 Ladle Tilter

DANGO & DIENENTHAL has developed skimming machines for melting shops for more than 40 years now.

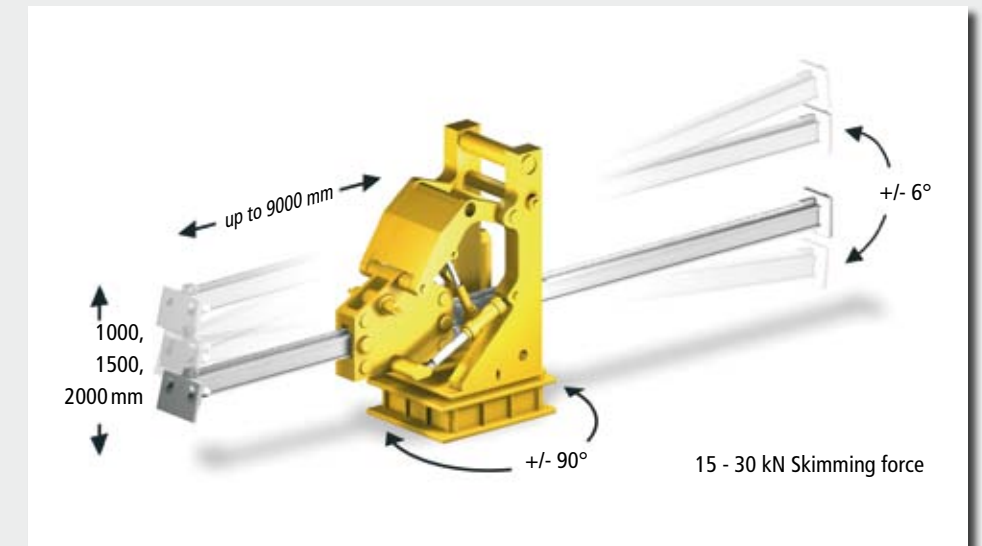
A great number of challenging reference units worldwide underlines this technological leadership of skimming in the metallurgical range.

The experts of DANGO & DIENENTHAL gladly advise all users regarding choice of machine type and best-possible layout. Please contact us!

Technical Data

DANGO & DIENENTHAL designs skimming machines in a modular system. This allows economic and at the same time customized solutions. The main machine parameters can be taken from the adjoining sketch.

Of course the experts of DANGO & DIENENTHAL also offer special solutions.



... and Options

- Mounted-on operator's cabin, on request air-conditioned
- Remote control of the machine, on request camera supported
- Visualization of the machine parameters and integration in the process control technique
- Hydraulic accumulator for emergency operation
- Fire resistant hydraulic system (HFD-U fluid or HFC water glycol)
- Hydraulic system, equipped for pressure oil supply of external consumers
- Water-cooled skimming plate and skimming rod
- Carrier for skimming at several skimming stations



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Skimming Machines

Due to increasing demands regarding quality of molten and processed material, different metallurgical processes require precise and at the same time fast removal of the slag from the surface of the metal bath in pig iron ladles, steel ladles, furnaces, and other metallurgical vessels.

For this work step in secondary metallurgical material treatment, DANGO & DIENENTHAL has proven to be an experienced, competent, and flexible partner for skimming solutions in numerous projects world-wide.

Modular skimming machines by DANGO & DIENENTHAL are the primary choice because of:

- The sturdy design always meets the high requirements of a metallurgical workshop
- Hydraulic drives for all machine motions, mounted-on proportional valve technique
- Maintenance-friendly hydraulic system with regulated pump and separate filter circulation
- Four independent working movements for flexible and high efficient slag skimming
- Parallel lift system for the vertical working motion of the skimming plate
- Modern, PLC-based machine control



Ladle Tilters

When the experts of DANGO & DIENENTHAL are evaluating a project, they always look at the conceptual formulation from the customers' point of view. This derives the self-conception as system supplier. Therefore the scope of supply for system skimming stations not only comprises skimming machines, but also planning, design, and manufacture of ladle tilters and other equipment, including the control system.

The sturdy construction distinguishes ladle tilters by DANGO & DIENENTHAL. They are adapted to the existing ladles, maintenance-friendly and easy to operate.



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