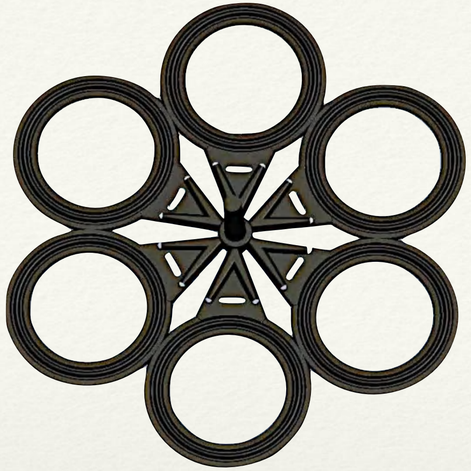






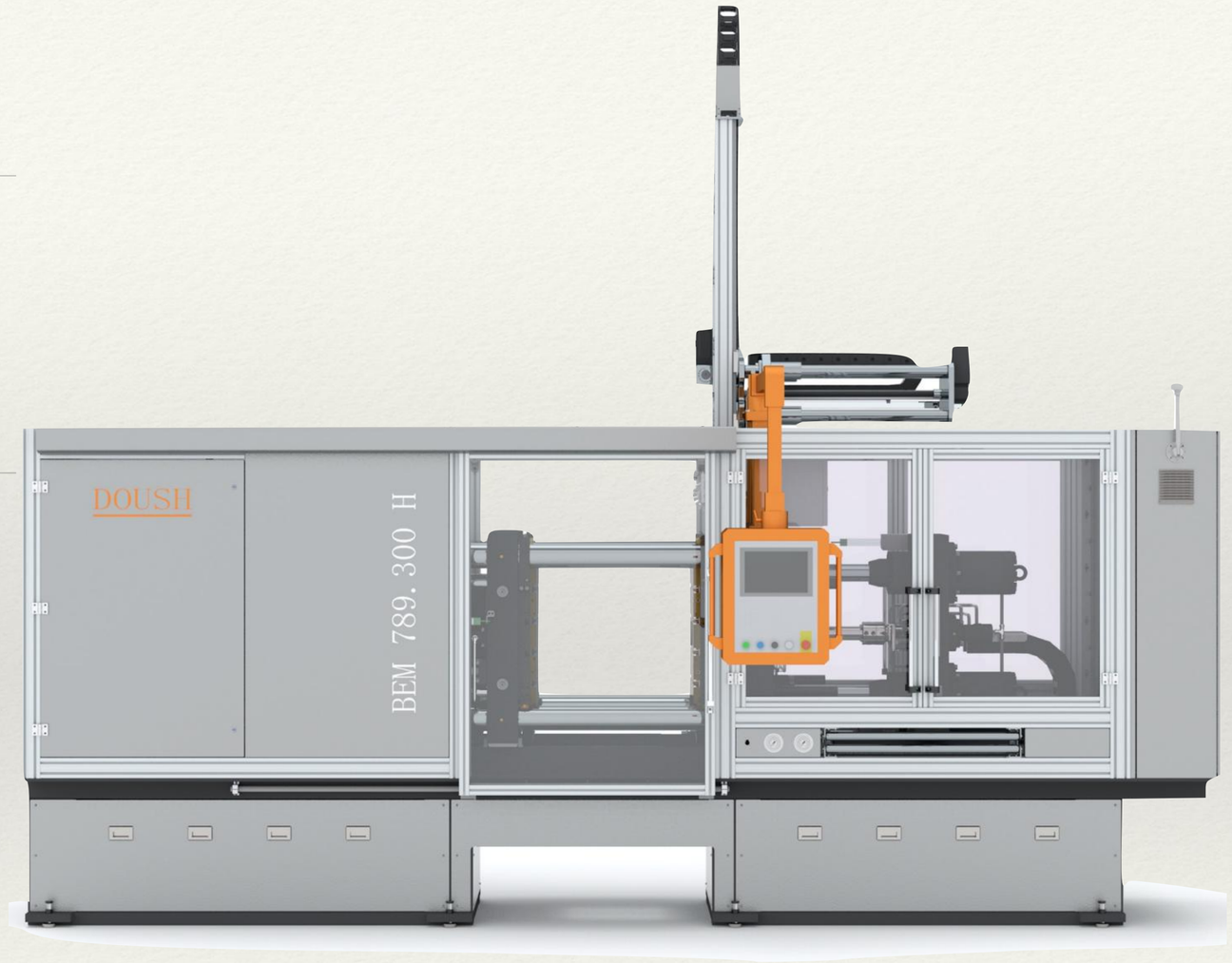
Horizontal rubber injection machine

DOUSH rubber injection series
W100t, W200t, W300t

injection for solid silicone and rubber

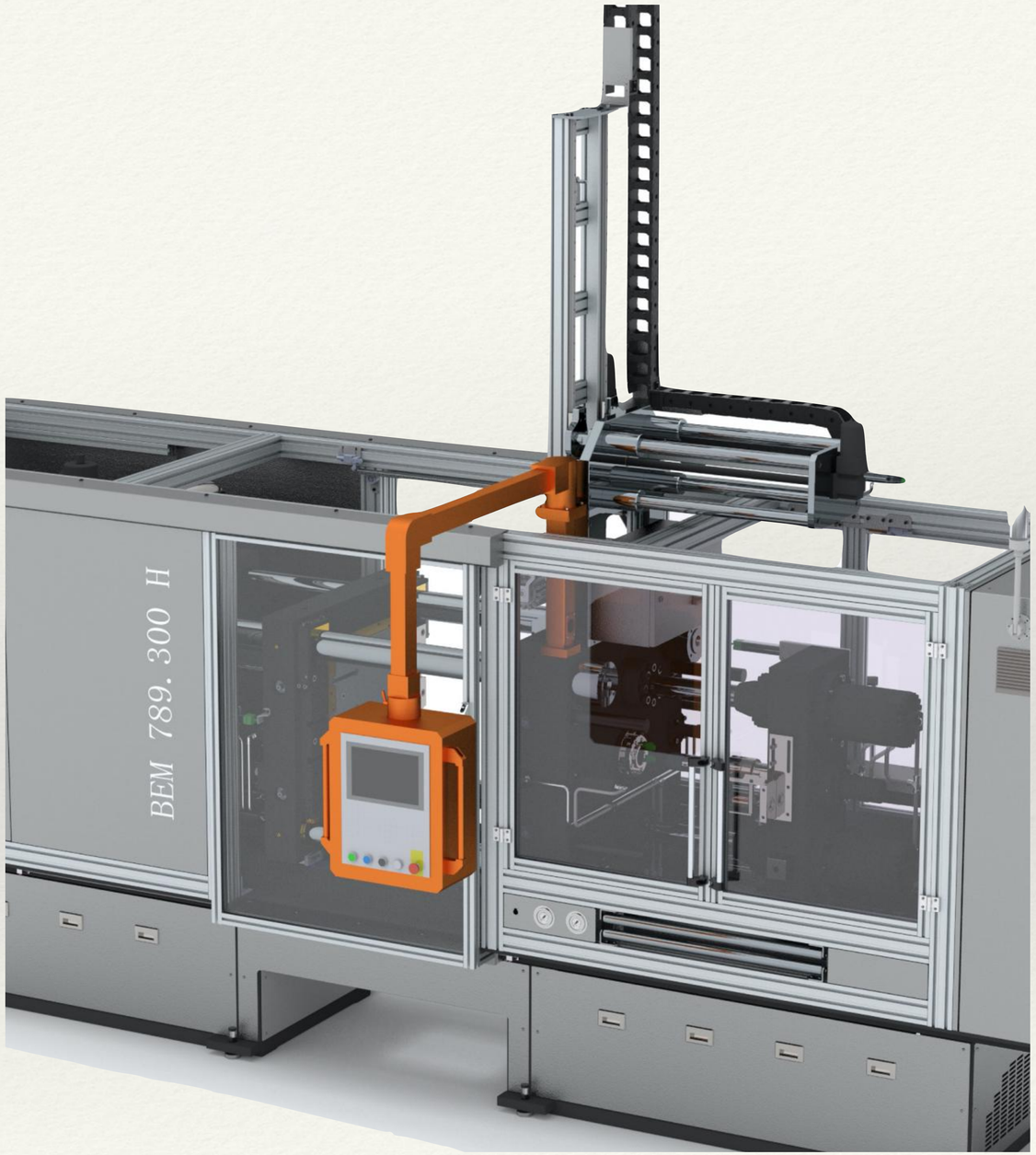
horizontal machine range

- machines up to 3000 kN in horizontal design, machines with larger tonnages in tie bar design
- in standard equipped with FIFO- injection unit, optionally and for small shot volumes with screw injection unit



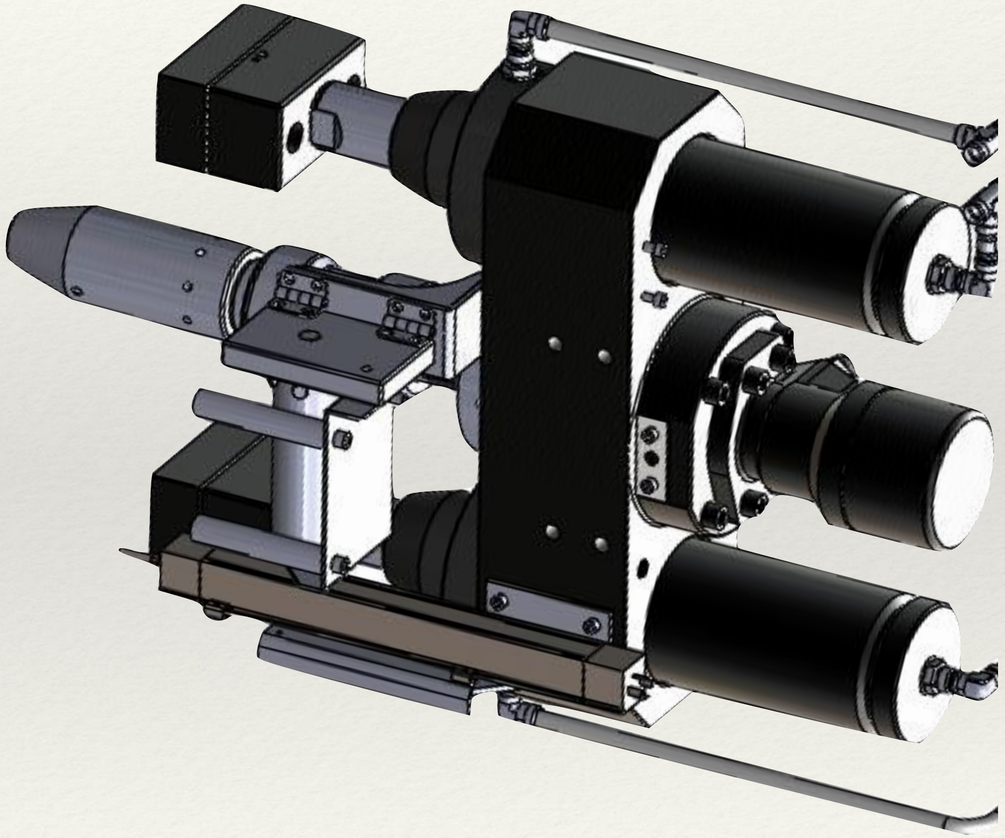
brush and demoulding devices

- hydraulic / air cylinder / servo motor device
- agent release spraying
- single brush head /double brush head
- brush in fixed platen / moving platen
- ejector both in fixed platen and moving paten



FIFO injection unit

- Direct injection without detours
- Intake block cooling
- Strip brake control
- Temperature controlled nozzle
- Short nozzle for max. injection pressure directly into the mould or cold runner
- Easy changing and cleaning of materials
- Constant L / D ratio



Energy saving and control technology

Energy saving

- All series DOUSH machine equipted Rexroth servo motor hydraulic power system which maximum energy saving for user.

Control technology

- KEBA i2000 controller system with 10 inch touch screen interface opens up new dimensions in the optimization of the injection moulding process. The top KEBA control system from Austrian, high Integrated, module design, real-time and multitask.



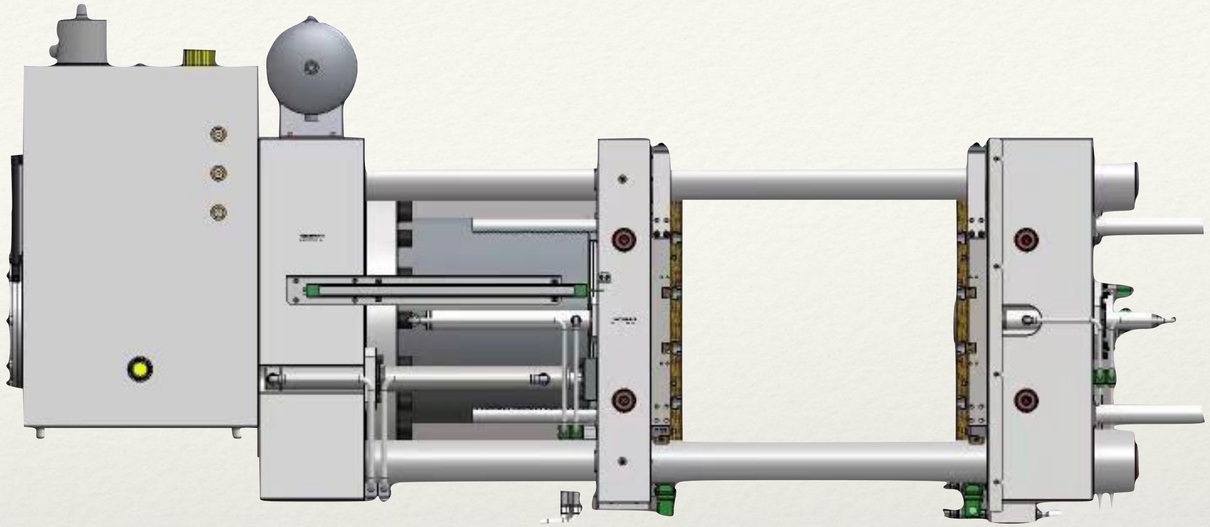
Standard

- Separated cooling unit (thermo oil) for plasticizing cylinder and injection chamber in bigger injection volume
- Strip intake control
- Precise volume control of injection unit
- Optimized heating cartridges
- heating plates insulated on outside edges
- Generously dimensioned clamping unit for flashless production
- Electric back pressure adjustment
- Swivelling control panel
- Pneumatic safety door in the front
- Hydraulic ejector on injection and / or clamping side

Options

- Central ejector (hydraulic or pneumatic)
- Insulated heating plates for high temperature applications
- Vacuum pump
- Additional features for KEBA i5000 controller system
- Alternative injection volumes
- Additional heating zones
- Brush demoulding up to 4 vertical modules
- Automatic strip intake device
- Back pressure adjustment
- 3-zone regulation for the heating plates
- moveable injection unit

Clamping unit in horizontal



- DOUSH Horizontal machines for fully automatic production of sealing elements and moulded articles, highest accuracy and efficiency, low maintenance.
- A machine concept which is based on the latest technological standards sets new standards in terms of performance and economy.
- The generously dimensioned rigid clamping unit enables flash-free production of sealing elements and moulded articles.

Fully automatic of sealing production

- Machine: W100t
- Injection volume: 500ccm
- Cavities: 48
- Cold runner: 8
- Curing time: 60s
- Cycle time: 90s

- Double brush demoulding
- Ejector
- Capacity per day: 45000 cps

