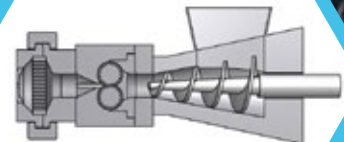


SILICONE COMPOUNDING WITH THE MDSE

The MDSE is the integrated solution for batch-mixing and subsequent straining and discharging based on the conical twin-screw extruder.

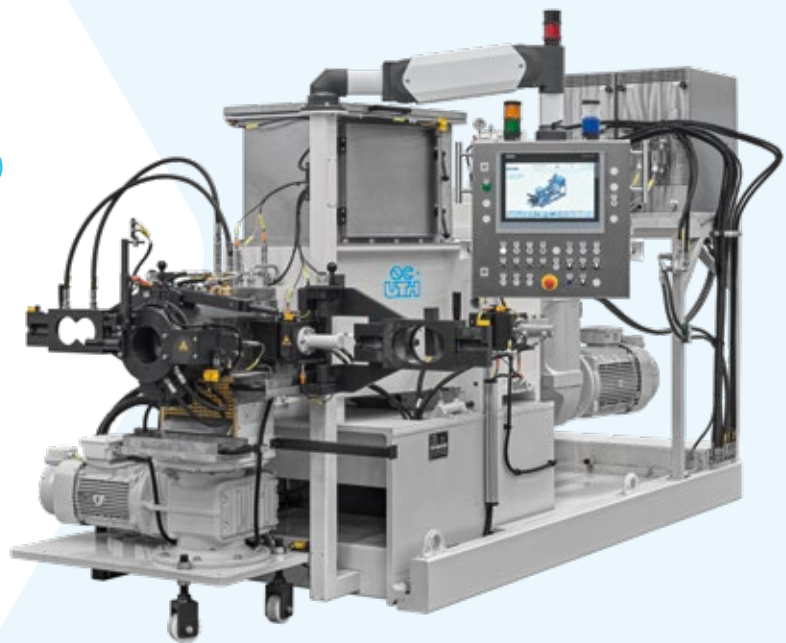


roll-ex[®]

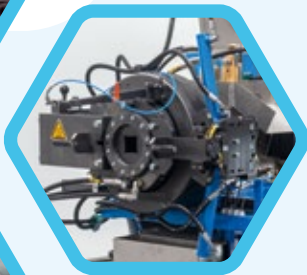
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EASY
COMPOUND
CHANGE

EASY
CLEANING



The MDSE, conical twin-screw extruder with feed hopper for silicone compounding application (optional: with integrated roll-ex® gear pump)



roll-ex® gear
pump and
strainer head

Model	Range batch volume in l
MDSE SC-2	5-10
MDSE SC-3	10-40
MDSE SC-5	20-100
MDSE SC-6	40-200
MDSE SC-8	65-300

Larger sizes available upon request.

PROCESS-TASKS

Mixing of silicone rubber compound and low viscosity elastomer with subsequent shaping of feed strips or blanks in a single step. Alternatively, the material can be passed onto a connected downstream device such as a gear pump or single-screw extruder for fine mesh straining.

SET-UP AND MODE OF OPERATION

The MDSE is based on the principle of the conical twin-screw extruder. Two highly tapered screws are counterrotating and intermeshing. The body consists of a large open pressureless area designed as feed trough, as well as a closed area.

Discharge via a gear pump with strainer head ensures consistent compound quality without contaminations.



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