

# TROESTER

EXCELLENCE IN EXTRUSION.

PIN EXTRUDER TYPE

# QSM



The QSM (pin) technology was one of the decisive co-developments made by TROESTER in the mid 70's. This technology, which has been continuously updated since then, allows tire manufacturers and other rubber processors to run a variety of compounds and still achieve optimum plastification without changing screws.

The easy transfer of this technology to all extruder sizes in addition to the outstanding results in output and quality were the reason for the rapid spread of this design to all areas of the rubber industry.



EXCELLENCE IN EXTRUSION.



Wire & Cable



Tire Components



Profiles & Hoses

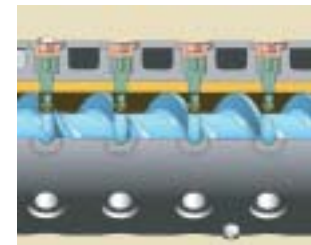


Gaskets & Belts

The QSM pins (see 3D models) are inserted through the barrel. They divide the rubber flow, invert it and mix the layers.

This results in the formation of permanent new surfaces and leads to an intense exchange of material and heat.

Depending on the application, a QSM extruder can be equipped with up to 12 rows of pins. The barrels are equipped with exchangeable liners.



| Type     | QSM 60    | QSM 90     | QSM 120     | QSM 150     | QSM 200     | QSM 250      |
|----------|-----------|------------|-------------|-------------|-------------|--------------|
| Screw OD | 2 - 12"   | 3 - 1/2"   | 4 - 1/2"    | 6"          | 8"          | 10"          |
| lbs / hr | 287 - 441 | 992 - 1433 | 1829 - 2646 | 3807 - 4409 | 4960 - 7165 | 7275 - 10362 |
| HP       | 28 - 35   | 75 - 90    | 120 - 150   | 200 - 250   | 350 - 450   | 550 - 700    |

TROESTER provides solutions to the following industries:  
TIRE, AUTOMOTIVE, PROFILE, TUBE & HOSE, WIRE & CABLE  
GASKETS & BELTS, MOLDING, SHEETING, ROOFING, ROLLERS, SPECIALTY

- single extruders
- coextrusion systems
- roller head systems
- single roll roller die systems
- extrusion die heads
- gear pump systems
- gear extruders type ROTOMEX
- preformers type SLUGMAX
- strainer; pelletizer; pork-chop heads
- calenders
- slab / strip feeders
- continuous curing systems
- cooling systems
- cutting / skiving systems
- winding / stacking systems
- custom designed / built systems
- control systems
- and much more.....

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