

Extruders



Rollepaal Twin Screw Extruders T-REX

Rollepaal offers a wide range of high capacity PVC extruders with screw lengths from 22D up to 33D, depending on application and output. The extruders have a wide processing window for reliable pipe production at a low reject rate. The robust design and controls with proprietary software gives your operators the opportunity to reach for higher productivity all along the line.

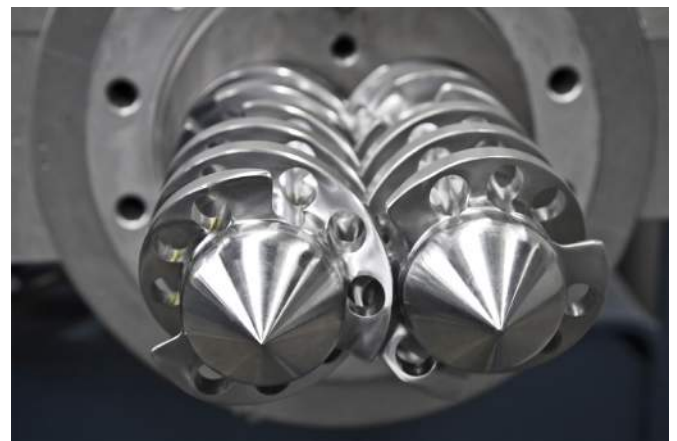
The screw geometry is developed for a large processing window and in combination with the direct drive concept it provides a homogeneous melt. The innovative and technological features of the T-Rex extruders result in energy and power consumption savings.

Together with the excellent output of the T-Rex extruders it leads to: "Cost Savings Solutions".

Mastering the process is the best guarantee to stay ahead of competition.

Benefits of our extruders:

- Max. outputs from 250 - 1.800 kg/h
- Smooth pipe due to screw geometry for a longer effective screw length
- Direct Torque Control with a highly constant screw rpm
- Energy savings
- Internal screw cooling based on heat pipe system
- Air-cooled barrel for a more gradual cooling
- High efficient direct AC drive with direct torque
- Reduced training requirements by control under Windows (familiar to everyone) and by reproducibility



Rollepaal for a sustainable world



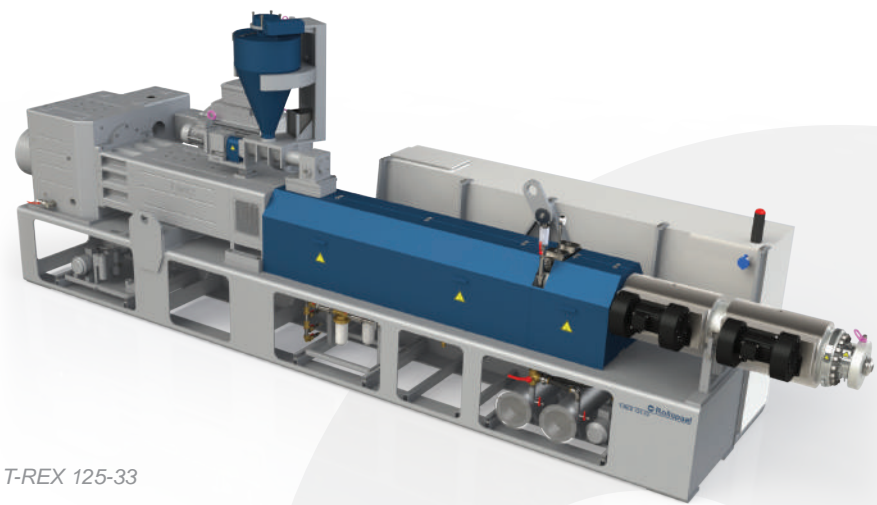
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Product range

| | T-Rex 75-22 | T-Rex 75-30 | T-Rex 75-33 | T-Rex 90-30 | T-Rex 90-33 | T-Rex 105-30 | T-Rex 105-33 | T-Rex 125-30 | T-Rex 125-33 | T-Rex 140-33 |
|---------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|
| Maximum output (kg/hr / lbs/hr) | 250 | 400 | 500 | 650 | 800 | 1000 | 1000* | 1150 | 1400 | 1800 |
| Effective L/D ratio | 22 | 30 | 33 | 30 | 33 | 30 | 33 | 30 | 33 | 33 |
| Screw diameter (mm) | 75 | 75 | 75 | 91 | 91 | 107 | 107 | 127 | 127 | 143 |
| Motor power (kW) | 24 | 44 | 48 | 64 | 73 | 96 | 96 | 120 | 150 | 200 |

* Foam extruder



T-REX 125-33



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