

# Twin Screw Extruders

Rollepaal offers a wide range of high capacity PVC extruders with screws from 22L/D up to 36L/D, depending on application and output. The twin screw extruders (T-Rex) have a large wide processing window for reliable pipe production with low reject rates. The robust design and controls with proprietary software enable you operators to achieve higher productivity at each stage of the pipe extrusion process.



**Rollepaal**

Pipe Extrusion Technology

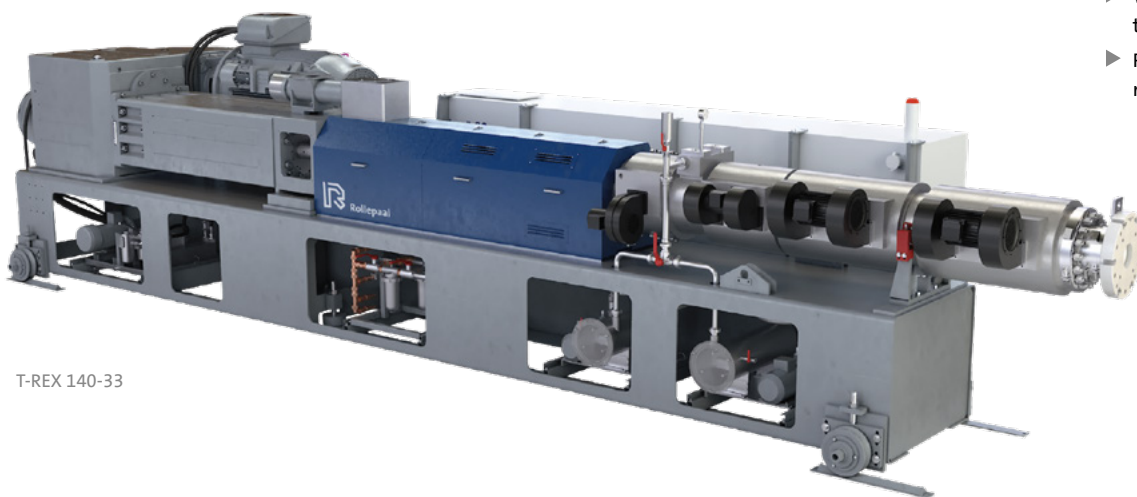


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The screw geometry has been developed for a large wide processing window, and in combination with the direct drive concept it provides a higher quality homogeneous melt. The innovative and technological features of the T-Rex extruders result in higher energy savings.

## Features and benefits

- ▶ Output capabilities of up to 1,800 kg/hr / 4,000 lb/hr
- ▶ Improved screw design for a longer effective screw length
- ▶ Direct torque control for a more constant screw rpm
- ▶ Lower specific energy consumption
- ▶ Internal screw cooling
- ▶ Air-cooled barrel for more gradual cooling
- ▶ Highly efficient direct AC drive
- ▶ Windows-based controls, reducing training requirements
- ▶ Recipe storage for enhanced reproducibility



T-REX 140-33

## Product range

T-Rex	70-22	75-22	75-30	75-33	90-30	90-33	105-30	125-30	125-33	140-30
Maximum output (kg/hr - lb/hr)	150/ 330	250/ 500	400/ 880	500/ 1100	650/ 1430	800/ 1760	1000/ 2200	1100/ 2400	1400/ 3000	1800/ 4000
Effective L/D ratio	22	22	30	33	30	33	30	30	33	33
Screw diameter (mm)	72	75	75	75	91	91	107	127	127	143
Motor power (kW)	20	25	45	55	75	75	110	140	160	220



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