

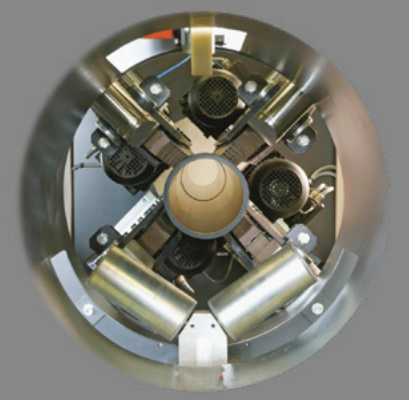
# Haul offs

Rollepaal offers an excellent programme of state of the art haul offs from 6 - 800mm (1/4"- 32"). The haul offs have been designed for accuracy, socketing and ease of use during start-up and production. The wide range of Rollepaal haul offs offers maximum flexibility. The Rollepaal haul offs (RHO) are available with 2, 3, 4, 6 or 8 tracks. The number of tracks depends on the pipe dimension and wall thickness.



**Rollepaal**

Pipe Extrusion Technology



# Haul offs

A Rollepaal haul off continuously pulls thermoplastic pipe through the cooling line after it comes out of the extruder. The tracks of the haul off are controlled by separate servo motors. Accurate and constant hauling speed is obtained via the servo controller, which maintains a uniform speed for each track; this is important to prevent pipe deformation.

## Frame

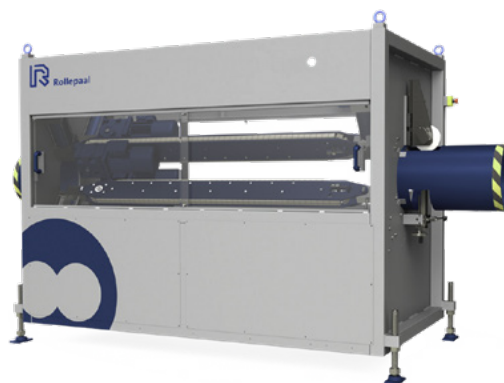
The steel frame has a robust rectangular shape for high rigidity and is completely enclosed for maximum safety. All electrical equipment, including the control panel, is located on the side panel of the frame. A pipe guide roller is located on the product feed-in side of the haul off. A height adjustment device is mounted on the four lower corners of the frame.

## Tracks

The tracks comprise a caterpillar chain covered with profiled, wear resistant, rubber blocks, giving maximum grip without damaging the pipe. Easy electric height adjustment of the lower tracks to pipe diameter. Pipes are clamped to the upper track by means of pneumatic cylinders. A separate pressure regulator can be placed on the product feed-in and outlet end.

## Features and benefits

- ▶ Low maintenance
- ▶ Very low chain wear
- ▶ Quick diameter change
- ▶ Independent product feed-in and outlet pressure control
- ▶ Extra wide pads
- ▶ Long contact length
- ▶ Accurate line synchronisation
- ▶ Slip control (optional)



## Product range

| Type   | Tracks            | Ø = inch |    | 1  |    | 2  |    | 4   |     | 6   |     | 9   |     | 10  |   | 16 |   | 20 |  | 24 |  |  |
|--------|-------------------|----------|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|---|----|---|----|--|----|--|--|
|        |                   | ¼        |    |    |    |    |    |     |     |     |     |     |     |     |   |    |   |    |  |    |  |  |
|        |                   | 10       | 16 | 27 | 50 | 75 | 90 | 100 | 160 | 250 | 315 | 410 | 520 | 630 |   |    |   |    |  |    |  |  |
| RHO 2  | 2T                | ■        | ■  | ■  | ■  | ■  | ■  | ■   |     |     |     |     |     |     |   |    |   |    |  |    |  |  |
| RHO 6  | 2T                |          | ■  | ■  | ■  | ■  | ■  | ■   | ■   | ■   |     |     |     |     |   |    |   |    |  |    |  |  |
| RHO 6  | 3T                |          |    | ■  | ■  | ■  | ■  | ■   | ■   | ■   | ■   |     |     |     |   |    |   |    |  |    |  |  |
| RHO 8  | 4T                |          |    |    | ■  | ■  | ■  | ■   | ■   | ■   | ■   | ■   |     |     |   |    |   |    |  |    |  |  |
| RHO 12 | 4T                |          |    |    |    | ■  | ■  | ■   | ■   | ■   | ■   | ■   | ■   |     |   |    |   |    |  |    |  |  |
| RHO 16 | 4T                |          |    |    |    |    | ■  | ■   | ■   | ■   | ■   | ■   | ■   | ■   |   |    |   |    |  |    |  |  |
| RHO 16 | 6T <sup>2</sup>   |          |    |    |    |    |    | ■   | ■   | ■   | ■   | ■   | ■   | ■   | ■ |    |   |    |  |    |  |  |
| RHO 20 | 4T                |          |    |    |    |    |    |     | ■   | ■   | ■   | ■   | ■   | ■   | ■ | ■  |   |    |  |    |  |  |
| RHO 20 | 6T <sup>2</sup>   |          |    |    |    |    |    |     |     | ■   | ■   | ■   | ■   | ■   | ■ | ■  | ■ |    |  |    |  |  |
| RHO 24 | 6T <sup>1,2</sup> |          |    |    |    |    |    |     |     |     | ■   | ■   | ■   | ■   | ■ | ■  | ■ | ■  |  |    |  |  |

<sup>1</sup> Also available in a heavy duty model

<sup>2</sup> Number of tracks used can differ from total number of tracks in the lower diameter range



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