



## PERROT ROLLCART



The Perrot Rollcart travels and irrigates on its own and is used mainly for large green areas, sportsfields, nurseries and gardens.

The Rollcart starts moving as soon as the water supply is turned on and is slowly drawn along its track, along the previously layed steel cable. After having irrigated the designated area the Rollcart stops automatically. The water supply hose, which has a length of 60m, is drawn behind the cart. (For hose details see page 21.)

**Advantages:**

- *Multi-use*  
The part-circle sprinkler allows the operator to define the area to be irrigated. For example: irrigation left or right of the Rollcart or any sector of a circle can be achieved.
- *Variable waterflow*  
Through the infinite speed regulation waterflow can be adjusted to suit each application.
- *Uniform water distribution*  
The precise distribution of the Perrot ZE30 W sprinkler and the constant speed of the Rollcart guarantee optimum water distribution.
- *Maintenance free*  
The sealed gears have a very low friction factor and are therefore practically maintenance free.
- *Convenience*  
The compact, self-contained design makes operating the Rollcart child's play.



**Perrot Rollcart: Technical data**

| Criteria             | ZE 30 W sprinkler with 6.0mm nozzle | ZE 30 W sprinkler with 7mm nozzle |
|----------------------|-------------------------------------|-----------------------------------|
| Travelling speed     | 7-16m/h                             | 10-22m/h                          |
| Operational pressure | 4-7 bar at unit                     | 4-7 bar at unit                   |
| Water consumption    | 2.3-3.0m <sup>3</sup> /h            | 3.2-4.2m <sup>3</sup> /h          |
| Width of irrigation  | 30-34m                              | 32-37m                            |
| Length of irrigation | 120m                                | 120m                              |
| Precipitation        | 2.5-3mm/h                           | 2.8-4mm/h                         |

|                             |                       |
|-----------------------------|-----------------------|
| <b>Material</b>             | Aluminium, brass, ABS |
| <b>Overall measurements</b> | 77x47x40cm            |
| <b>Total mass</b>           | 33.0kg                |

| Pressure loss for 60m hose length |                     |
|-----------------------------------|---------------------|
| Pressure                          | Total pressure loss |
| 4 bar                             | 1.8 bar             |
| 5 bar                             | 2.1 bar             |
| 6 bar                             | 2.4 bar             |

**Schematic layout for sportsfield irrigation with Perrot Rollcart**

