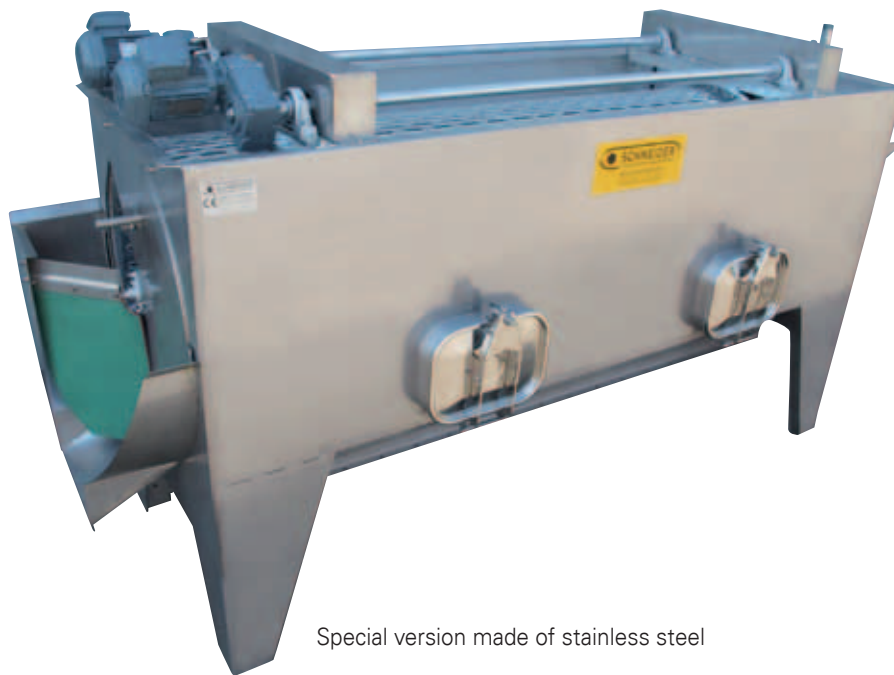




## **SPRUWA washing machine**

For all kinds of root and tuber vegetables



Special version made of stainless steel

- **Spray washing**
- **Solid construction**
- **Intensive but gentle barrel washing**
- **Geometry of holes and conveying and cleaning elements adapted to crop to be washed**
- **Use of process or fresh water for spraying possible**
- **Direct drive without chain**
- **Minimum water consumption possible with immersion unit**



#### Type SPRUWA 10 potatoes

|                 |        |
|-----------------|--------|
| Throughput      | 10 t/h |
| Barrel length   | 2 m    |
| Barrel diameter | 0.9 m  |

#### Type SPRUWA 25 potatoes

|                 |        |
|-----------------|--------|
| Throughput      | 25 t/h |
| Barrel length   | 2.5 m  |
| Barrel diameter | 1.2 m  |

#### Type SPRUWA 35 potatoes

|                 |          |
|-----------------|----------|
| Throughput      | 35 t/h   |
| Barrel length   | 3 m, 4 m |
| Barrel diameter | 1.6 m    |

Barrel with round holes and turbulence paddles.

#### Type SPRUWA 10 carrots

|                 |               |
|-----------------|---------------|
| Throughput      | 6 t/h         |
| Barrel length   | 3 m, 4 m, 5 m |
| barrel diameter | 0.9 m         |

#### Type SPRUWA 25 carrots

|                 |                    |
|-----------------|--------------------|
| Throughput      | 12 t/h             |
| Barrel length   | 3 m, 4 m, 5 m, 6 m |
| Barrel diameter | 1.2 m              |

#### Type SPRUWA 35 carrots

|                 |               |
|-----------------|---------------|
| Throughput      | 18 t/h        |
| Barrel length   | 4 m, 5 m, 6 m |
| Barrel diameter | 1.6 m         |

Barrel with elongated holes and turbulence fins.

Throughput may vary considerably depending on soiling and the clay content of the soil.

## SPRUWA washing machine

The SPRUWA is a spray washer for all types of root and tuber vegetables. It allows highly efficient cleaning and is available in various sizes and designs for potatoes and other field crop.

The SPRUWA is designed as a self-supporting, sturdy sheet metal construction. In the potato version it is fitted with slanted metal-sheet bottom panels and a central outlet. The carrot version is fitted with a longitudinal opening as outlet as standard.

The axis and spoke-free barrel is made of hot-dip galvanized steel and suspended from several V-belts from the two drive shafts running lengthwise to the machine. Each drive shaft is equipped with direct drive and a gear motor to reduce wear and tear.

Depending on the type of crop to be washed, the barrel is available in two designs. Barrels with round holes and turbulence paddles are used for potatoes. Barrels with elongated holes and turbulence fins are used for carrots, beetroot and celery. The edges of the holes are bent outwards for protection purposes to prevent the crop from coming into contact with sharp hole edges. This ensures maximum washing efficiency at optimal product protection. A spray pipe mounted lengthwise to the washer barrel allows washing with recycled process water or fresh water. A fresh water jet is installed at the outlet.

The spray washer is available optionally with a horizontal or round outlet. The adjustable outlet enables adaptation to the produce to be washed, i.e. for difficult to wash soils, the filling volume can be increased by raising the slide gate to allow longer treatment of the individual crop. The machine is only suitable for continuous operation and not suitable for batch operation. The SPRUWA 10 is fitted with a manually height-adjustable outlet, the SPRUWAs 25 and 35 with an electrically adjustable outlet. The consumption of fresh water can be reduced to a minimum by employing an immersion or process water recycling unit. The machine is equipped with height-adjustable legs.

#### Accessories and special versions

- Immersion unit with manual or time-controlled and pneumatic sludge gate
- Electrically adjustable outlet for SPRUWA 10 (standard for SPRUWA 25 and 35)
- Rinsing pipe at the feed-in funnel
- Housing and barrel made of stainless steel



SPRUWA 35, 6m  
with horizontal outlet