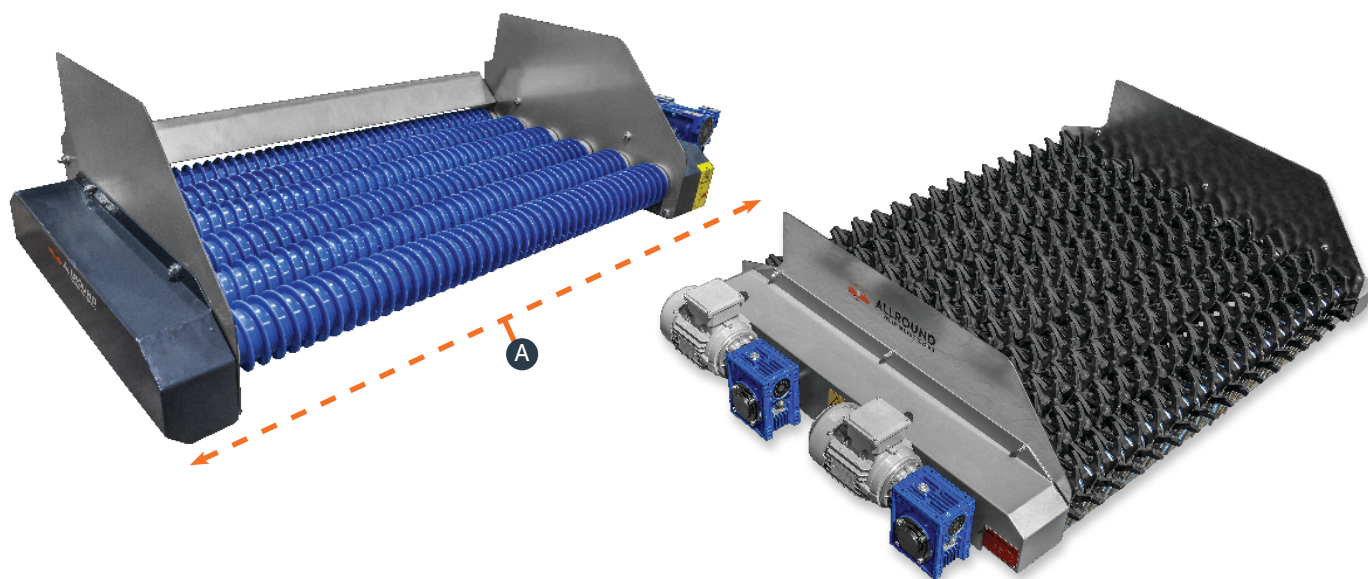


FIXED ROLLER SET

Allround fixed roller sets are for pre-cleaning. on demand, the roller set can be supplied in spiral, steel spiral, diabolic, and soft rollers.



General description

This fixed roller set is for pre-cleaning. The produce moves over the rollers, while dirt and skins fall between the rollers. On demand, the roller set can be supplied in spiral, steel spiral, diabolic, and soft rollers. Each roller set has unique qualities and applications. An on demand frequency inverter can be included to control the speed.

Depending upon product and soil conditions, the type of roller set is decided on demand. On demand, the fixed rollers can be supplied as a stand-alone unit or mounted on a reception hopper.

On demand, the fixed finger roller set can be provided to the star with 12 fingers and 6 fingers. 12 fingers is used for small products whereas 6 fingers is used for bigger products. The unique feature of the finger roller set is that it transports the crop through rubber fingers.

All dimensions in cm

| | | RE 80 | RE 100 | RE 120 | RE 160 | RE 240 |
|---|----------------------|-------|--------|--------|--------|--------|
| A | Width of the machine | 80 | 100 | 120 | 160 | 240 |
| B | Amount of rollers | 6, 8 | 6, 8 | 6, 8 | 6, 8 | 6, 8 |
| | | | | | | |
| | | | | | | |

All capacities are indications based on experience from the past and depend on the agro climatic, soil and logistic conditions of the product, Allround VP does not guarantee any of these.

Characteristics

- ✓ Models are available in 6 and 8 rollers.
- ✓ An on-demand frequency inverter is included.
- ✓ On demand machines can be supplied as stand-alone units or mounted on hoppers.
- ✓ Fixed roller sets are mainly used for pre-cleaning.
- ✓ Wide range of applications.
- ✓ On demand, the fixed finger roller set can be provided to the star with 12 fingers and 6 fingers
- ✓ On demand rollers like spiral, steel spiral, diabolic, and soft can be supplied

Options:

■ Material and treatment (frame)

| | |
|--------------------|--|
| Painted mild steel | Frame is made from painted mild steel. The bearings and drive/idle rollers are from mild steel |
| Stainless steel | Frame is made from stainless steel. The bearings and drive/idle rollers are from mild steel |

■ Electrical control

| | |
|-------------------------|---|
| No electric | Motors only. Wiring, additional sensors and/or control panel are not included |
| Stand-alone | Motors, switch box and control box |
| Central control in line | Motors |

■ Frequency inverter

| | |
|------------------|---|
| Speed adjustment | A frequency inverter is included to control the speed |
|------------------|---|

■ Rollers

| | |
|----------------------|--|
| Stainless steel | Used for most products. Efficient with clay soil (without stones) Distance between: rollers 16 mm Diameter: roller Ø 89 Including scrapers |
| Steel spiral | - |
| Spiral | Used for most products Thorough removing of dirt and suitable for small stones Distances between: spirals 7 mm, rollers 31 mm Diameters: spiral Ø 98, roller Ø 74 |
| Diabolic | Used for round/oval products, pregrade to square size Distances between: diabolics 15 mm, rollers 44 mm Diameters: inner Ø 61, outer Ø 90 |
| Star with 6 fingers | Used for bigger products Rollers equipped with stars, each containing 6 fingers, shore 65° |
| Star with 12 fingers | Used for smaller products Rollers equipped with stars, each containing 12 fingers, shore 40° |

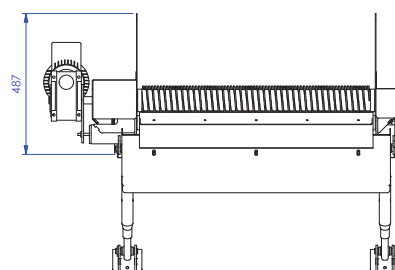
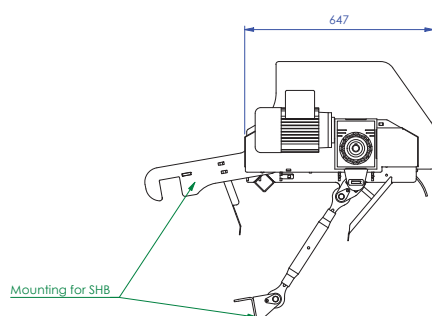
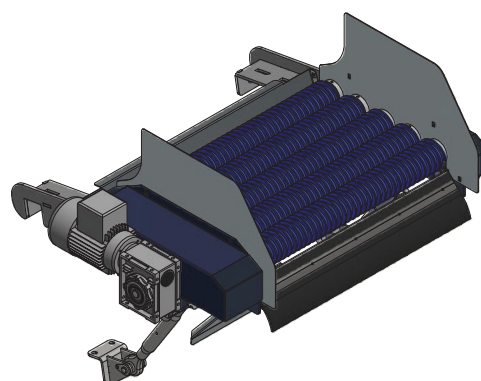
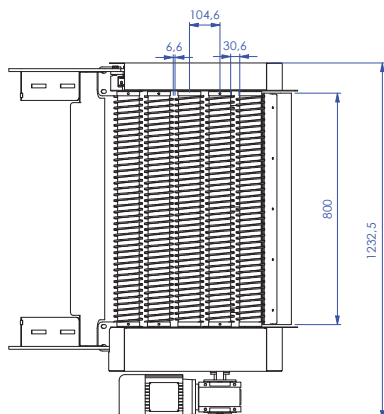
Options:

| | |
|-----------|---|
| Soft Ø 80 | Used for most products Less damage of product Distance between rollers 18 – 68 mm Diameter: Ø 80 |
|-----------|---|

■ Material and treatment (electrical panel)

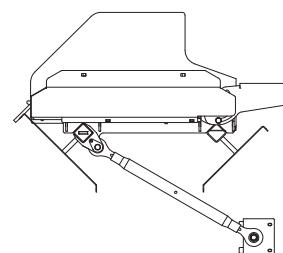
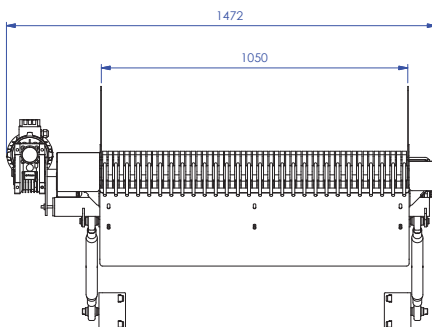
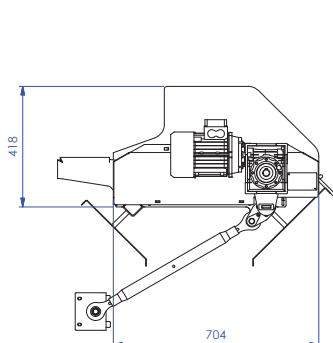
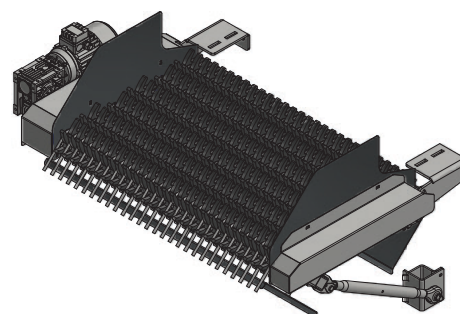
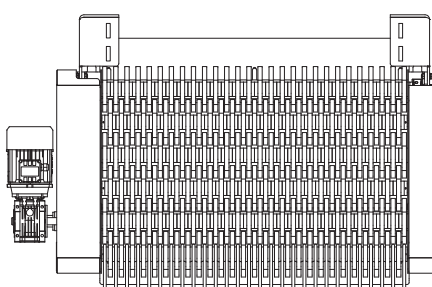
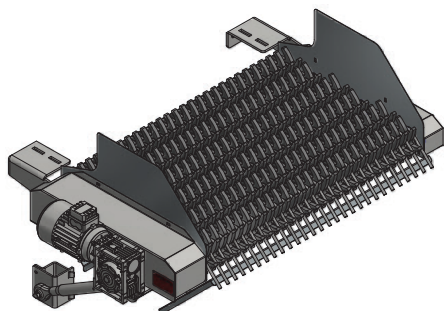
| | |
|--------------------|--|
| Painted mild steel | The electrical panel is made from painted mild steel |
| Stainless steel | The electrical panel is made from stainless steel |

RE 80-6





| | | | | | | | | | |
|---|--|---|--|---------------------|--|-----------------------------------|--|--------------|--|
| Tol principle: ISO 8015 | | General tolerances: ISO 20768 | | Fit system: ISO 286 | | Geometrical tolerancing: ISO 1101 | | | |
| | | Project: Fixed rollerset - - | | | | | | | |
| | | Description: SP 80-5 applicable on SHB | | | | | | | |
| | | Surface: | | | | | | | |
| ALLROUND TECHNICAL PROCESSING | | Engineer: S.Jaan | | Scale: 1 : 12 | | 00013014 | | Revision: 01 | |
| | | Date: 14-11-2020 | | Sheet size: A3 | | | | | |
| | | | | Unit: mm | | Sheet: 1 of 1 | | | |

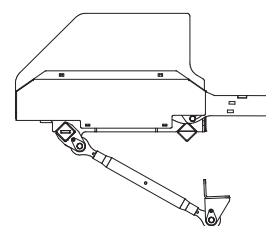
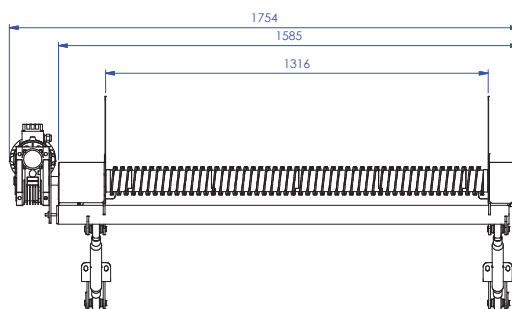
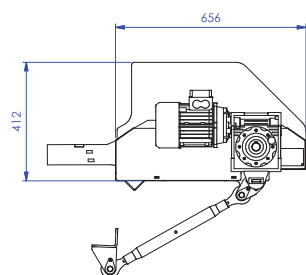
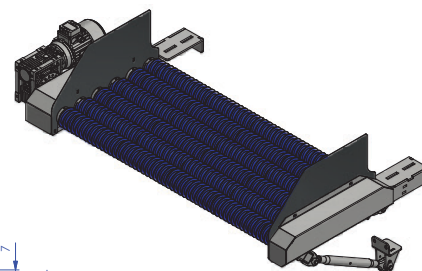
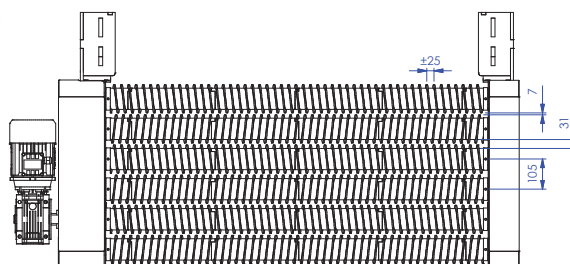
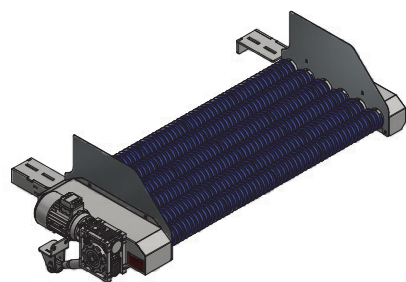
RE 100-6



For discussion only!
The dimensions are approximately.
We are free to resize and change the machines,
when we deem it necessary.

| | | | | | | | | | |
|--|--|-------------------------------------|--|---------------------|--|-----------------------------------|--|---------------------|--|
| Tol principle: ISO 8015 | | General tolerances: ISO 20768 | | Fit system: ISO 286 | | Geometrical tolerancing: ISO 1101 | | | |
|  | | Project: Fixed rollerset - - | | | | | | | |
| | | Description: V 100-6 | | | | | | | |
| | | Surface: | | | | | | | |
|  ALLROUND VERSATILE PROFESSION | | Engineer: SRPL | | Scale: 1 : 12 | | 00029544 | | Revision: 02 | |
| | | Date: 16-5-2019 | | Sheet size: A3 | | | | | |
| | | | | Unit: mm | | | | | |
| | | | | Sheet 1 of 3 | | | | | |

RE 120-6



For discussion only!
The dimensions are approximately.
We are free to resize and change the machines,
when we deem it necessary.

| | | | |
|-------------------------------------|-------------------------------|---------------------|-----------------------------------|
| Tol principle: ISO 8013 | General tolerances: ISO 20748 | Fit system: ISO 286 | Geometrical tolerancing: ISO 1101 |
| Project: Fixed rollerset - - | | | |
| Description: SP 120-6 | | | |
| Surface: | | | |
| Engineer: SRPL | Scale: 1:12 | 00042281 | |
| Date: 17-5-2019 | Sheet size: A3 | | |
| Unit: mm | | Sheet: 1 of 3 | Revision: 00 |