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PIONIEER AND LEADER WITH MACHINES FOR THE INSTALLATION OF SYNTHETIC SPORTS SURFACES IN THE SPORTS BRANCH.
TRACK OVERVIEW APPLICATION

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- Mixing
- Milling
- Installation
- Grinding
- Spraying
- Cutting

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- SPRAYCOATING
- CONCRETE FLOOR
- ET-LAYER
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- PUR CLAYCOURT
FULLY AUTOMATIC CONTINUOUS MIXER
FOR SYNTHETIC SPORTS SURFACES

CONTENTS

M4000
Fully automatic continuous mixer for binder, rubber granules and gravel

M6008
Fully automatic continuous mixer for continuous mixing of basematt material

M6004
Fully automatic continuous mixer for continuous mixing of basematt material

M5300
Automatic continuous mixer for two-component self-levelling PUR systems
MixMatic M4000

Fully automatic continuous mixer for binder, rubber granules and gravel.

The MixMatic M4000 mixes rubber granules and gravel with 1-component binder (polyurethane). In particular, high-performance sport facilities require constantly exact and homogeneous material mixtures during the installation process. The calibration of the machine can be carried out through the central control panel. Afterwards the mixerRuntime is switched on manually and will stop automatically. Flow rate sensors control the material supply to the mixing tube. The container can be loaded with rubber granulate either with a Big Bag or a shovel loader. The M4000 is equipped with 2 material containers with each 3,000 l capacity. A defined hydraulics lift allows an easy transport and handling on jobsite.

Art.-No. 6228913

<table>
<thead>
<tr>
<th>Drive</th>
<th>3-phase current for granulate and grit drives; A.C. geared motor infinitely variable, electronic rpm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power</td>
<td>23.8 kW / 400 V / 50 – 60 Hz / 63 A</td>
</tr>
<tr>
<td>Performance</td>
<td>400 kg/min</td>
</tr>
<tr>
<td>Weight</td>
<td>3,500 kg</td>
</tr>
<tr>
<td>Dimensions</td>
<td>L 3,500 x W 2,300 x H 2,300 mm</td>
</tr>
</tbody>
</table>

Subject to technical alterations

MixMatic M6008

Fully automatic continuous mixer for binder and rubber granules, prepared for connection of the material component (gravel).

The MixMatic M6008 mixes rubber granules with 1-component binder (polyurethane). In particular, high-performance sport facilities require constantly exact and homogeneous material mixtures during the installation process. The calibration of the machine can be carried out through the central control panel. Afterwards the mixerRuntime is switched on manually and will stop automatically. Flow rate sensors control the material supply to the mixing tube. The container can be loaded with rubber granulate either with a Big Bag or a shovel loader. The M6008 is equipped with a material container with 3,000 l capacity. An additional large material container with a capacity of 1,600 l is used for mixing of elastics for elastic base layers, such as 1-component binder, rubber granulate and gravel.

Art.-No. 6400114

<table>
<thead>
<tr>
<th>Drive</th>
<th>3-phase current for granulate and grit drives; A.C. geared motor infinitely variable, electronic rpm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power</td>
<td>25 kW / 400 V / 50 – 60 Hz / 63 A</td>
</tr>
<tr>
<td>Performance</td>
<td>400 kg/min</td>
</tr>
<tr>
<td>Weight</td>
<td>Basic mixer: 2,000 kg  Gravel unit: 660 kg</td>
</tr>
<tr>
<td>Dimensions</td>
<td>Basic mixer: L 2,400 x W 1,500 x H 2,850 mm  Gravel unit: L 2,450 x W 1,000 x H 2,950 mm</td>
</tr>
</tbody>
</table>

Subject to technical alterations
**MixMatic M6004**

Fully automatic continuous mixer for binder and rubber granules, prepared for connection of additional material component (gravel or Polyol).

- **Art.-No.**: 6400105
- **Drive**: 3-phase current for granulate and grit drives; A.C. geared motor infinitely variable, electrical rpm
- **Power**:
  - Basic mixer: 12 kW / 400 V / 50 - 60 Hz / 26 A
  - Gravel unit: 1.85 kW / 400 V / 4.25 A
  - 2nd dosage pump: 1.85 kW / 400 V / 4.25 A
- **Performance**: 150 kg/min
- **Weight**: Basic mixer: 1,100 kg
  - Gravel unit: 900 kg
  - 2nd dosage pump: 350 kg
- **Dimensions**: L 2,250 x W 1,000 x H 1,800 mm

**MixMatic M5300**

Fully automatic continuous mixer for two-component self-levelling PUR systems.

- **Art.-No.**: 6400130
- **Drive**: Three-phase current motor infinitely variable, electrical rpm
- **Power**: 8.1 kW / 400 V / 50 - 60 Hz
- **Performance**: 65 kg/min
- **Weight**: 850 kg
- **Dimensions**: L 2,000 x W 810 x H 2,000 mm

---

**Subject to technical alterations**
Batch mixer for the mixing of material in track installation

- **M2402**: Batch mixer for binder, rubber granules and gravel; Options: charging vat, binder pump VoluMatic V40
- **M1202**: Batch mixer for binder, rubber granules and gravel; Options: charging vat, binder pump VoluMatic V40
- **M250**: Batch mixer for binder and rubber granules
- **M930**: Automatic compulsory mixer for coating mixtures, filler and glue
- **M930S**: Semi-Automatic compulsory mixer for coating mixtures, filler and glue
Batch mixer for binder, rubber granules and gravel.

In comparison with the MixMatic M1202, extremely robust and large M2402 offers double mixing capacity and therefore is the ideal solution for the instance when the quantity of mixed material needs to be increased to cover larger areas or to achieve higher installation levels - for example, when installing rubber in large sports or industrial surfaces.

Materials for sports surfaces, such as granulate, gravel, cork and PU-coating are homogeneously mixed by the MixMatic M1202.

The M1202 is also ideal for industrial floors, e.g. for cement-bound floor screeds or epoxy resin floor coverings.

**Art.-No. 6400123**

**Performance**
300 kg/2 min

**Drive**
M2402 D: diesel engine 91 kW (121 HP)
M2402 E: electric motor 91 kW (121 HP)

**Mixer drive**
Hydraulic aggregate with tank, pump, oil cooler, control valve, main control block, level indicator with thermometer, pump and oil cooler driven by the motor via twin V-belts, tank capacity 45 litres.

**Electrical equipment**
Compact control in a housing protected against spraying water; with switch for changing the direction of turn

**Weight**
850 kg

**Dimensions**
L 2,400 x W 1,600 x H 1,200 mm

---

**Art.-No. 6400077**

**Performance**
150 kg/2 min

**Drive**
M2402 D: diesel engine 61 kW (82 HP)
M2402 E: electric motor 61 kW (82 HP)

**Mixer drive**
Hydraulic aggregate with tank, pump, oil cooler, control valve, main control block, level indicator with thermometer, pump and oil cooler driven by the motor via twin V-belts, tank capacity 45 litres.

**Electrical equipment**
Compact control in a housing protected against spraying water; with switch for changing the direction of turn

**Weight**
M2402 D: 680 kg / M2402 E: 580 kg

**Dimensions**
L 2,300 x W 1,000 x H 1,150 mm

---

Subject to technical alterations.
Batch mixer for binder and rubber granules.

A wide variety of materials in small quantities can be homogeneous mixed by the MixMatic M250.

The compact mixing unit with petrol engine can save you a lot of storage space. Two wheelbarrows (supplied) used as mixing and transport container ensure a continuous and flexible flow of materials.

Art.-No. 6400113

Drive
M250 B: Petrol engine / 1-cylinder / 9.6 kW (13 HP)

Performance
90 kg/2 min

Mixer drive
Hydraulic aggregate with tank, pump, manual control valve, main control block, contents level display

Dimensions
L 1,400 x W 900 x H 1,200 mm

Subject to technical alterations

Art.-No. 6400166

Drive
Electric motor

Performance
1.8 kW / 3 ph. / 400 V / 50 Hz

Mixer drive
Hydraulic aggregate

Dimensions
L 1,050 x W 600 x H 1,000 mm

Subject to technical alterations

Art.-No. 6400077

Drive
M1202 D: Diesel engine 12 kW (16 HP)

Performance
90 kg/2 min

Mixer drive
Hydraulic aggregate

Dimensions
L 2,300 x W 1,000 x H 1,100 mm

Subject to technical alterations

Art.-No. 6400123

Drive
M2402 D: Diesel engine 14.9 kW (20.3 HP)

Performance
90 kg/2 min

Mixer drive
Hydraulic aggregate

Dimensions
L 2,300 x W 1,600 x H 1,200 mm

Subject to technical alterations

Art.-No. 6400130

Drive
M250 B: Petrol engine / 1-cylinder

Performance
90 kg/2 min

Mixer drive

Dimensions
L 1,400 x W 900 x H 1,200 mm

Subject to technical alterations

Art.-No. 609870

Drive

Performance
90 kg/2 min

Mixer drive
Hydraulic aggregate with tank, pump, internal control valve, main control block, contents level display

Filling height
L 200 mm

Weight
350 kg

Dimensions
L 1,400 x W 900 x H 1,200 mm

Subject to technical alterations

MixMatic M250

MixMatic M2402D

MixMatic M1202D

MixMatic M250

MixMatic M930

MixMatic M930S

MixMatic M2402D MixMatic M1202D MixMatic M250 MixMatic M930

MixMatic M930S
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### Fully automatic series

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>P936</td>
<td>Fully automatic paver for elastic layers, elastic subbases, and athletic tracks.</td>
<td>24</td>
</tr>
<tr>
<td>P928</td>
<td>Fully automatic paver for elastic layers, elastic subbases, athletic tracks and multipurpose sports surfaces.</td>
<td>25</td>
</tr>
<tr>
<td>P703</td>
<td>Fully automatic paver for elastic subbases and multipurpose sports surfaces.</td>
<td>20</td>
</tr>
</tbody>
</table>

### Semi-automatic series

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>P227</td>
<td>Semi-automatic paver for athletic tracks and multipurpose sports surfaces.</td>
<td>22</td>
</tr>
<tr>
<td>P218</td>
<td>Semi-automatic paver for multipurpose sports surfaces.</td>
<td>25</td>
</tr>
<tr>
<td>P215</td>
<td>Semi-automatic paver for multipurpose sports surfaces, playgrounds, and jogging tracks.</td>
<td>25</td>
</tr>
<tr>
<td>P211</td>
<td>Semi-automatic paver for multipurpose sports surfaces, playgrounds, schemes and jogging tracks.</td>
<td>22</td>
</tr>
</tbody>
</table>

### Industrial floor

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>P435</td>
<td>Fully automatic paver for bonded screed.</td>
<td>26</td>
</tr>
<tr>
<td>P102</td>
<td>Semi-automatic paver for bonded screed.</td>
<td>26</td>
</tr>
</tbody>
</table>

---

### PlanoMatic SERIES

PAVERS For Synthetic Sports Surfaces
### PlanoMatic P928

- Fully automatic paver for elastic layers, elastic subbases, athletic tracks and multipurpose sports surfaces.

- The PlanoMatic P928 is a fully automatic paver. With continuously variable speeds of 0.8 - 4.5 m/min it provides a theoretical performance of up to 730 m²/h. Individually adjustable width of up to 2,700 mm makes it ideal for athletic running tracks and school sports facilities. P928 is equipped with an automatic curve control for running tracks and a hydraulic controlled undercarriage. P928 can come with an optional automatic levelling device (sensor/tactile unit) for smooth installation. Paving thickness settings of 6 - 50 mm can be easily changed by pressing a button located on both sides of the control panel.

### PlanoMatic P703

- Fully automatic paver for athletic tracks and multipurpose sports surfaces.

- The PlanoMatic P703 is a new edition of the PlanoMatic series P700/P702. It is a fully automatic paver with a screed width of 2,800 mm enabling installation widths of maximum 2,700 mm. The highest installation speed is 4.5 metres per minute, thus providing a theoretical performance of approx. 730 m²/h. P703 is designed specifically for the professional installation of athletic running tracks. With a weight of 850 kg and a narrow chain drive unit of 80 mm, the machine is easy to manoeuvre. The installation widths can be selected individually; thicknesses are adjustable from 6 to 50 mm. An integrated automatic levelling device supports the even installation.

<table>
<thead>
<tr>
<th>Specification</th>
<th>P928</th>
<th>P703</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>P928</td>
<td>P703</td>
</tr>
<tr>
<td>Art.-No.</td>
<td>6400108</td>
<td>6400159</td>
</tr>
<tr>
<td>Working width</td>
<td>up to 2,700 mm</td>
<td>up to 2,700 mm</td>
</tr>
<tr>
<td>Area performance</td>
<td>up to 730 m²/h</td>
<td>up to 730 m²/h</td>
</tr>
<tr>
<td>Chain drive</td>
<td>with standard chains 153 x 50 mm</td>
<td>with standard chains 153 x 50 mm</td>
</tr>
<tr>
<td></td>
<td>with special chains 140 x 15 mm (optional)</td>
<td>with special chains 140 x 15 mm (optional)</td>
</tr>
<tr>
<td>Traction drive</td>
<td>2 infinitely variable A.C. gear motors / speed of forward movement c. 0.8 m/min. to 4.5 m/min.</td>
<td>2 A.C. gear motors (powered by frequency converter) / max. 4.5 m/min.</td>
</tr>
<tr>
<td>Power</td>
<td>6 kW / 3 ph. / 400 V / 50 - 60 Hz / 16 A</td>
<td>6 kW / 3 ph. / 400 V / 50 - 60 Hz / 16 A</td>
</tr>
<tr>
<td>Weight</td>
<td>950 kg (without optional accessories)</td>
<td>895 kg</td>
</tr>
<tr>
<td>Dimensions</td>
<td>L 2,450 x W 3,600 x H 720 mm</td>
<td>L 2,410 x W 3,450 x H 670 mm</td>
</tr>
</tbody>
</table>

Subject to technical alterations.
Semi-automatic paver for athletic tracks and multipurpose sports surfaces.

The PlanoMatic P227 for athletic tracks is the easiest of all SMG pavers considering handling. On the basis of the proven, fully automatic model P703, the P227 convinces due to a working width of 2,700 mm and the intentional reduction to the most important features.

The variable adjustable installation speed is max. 4.5 m/min, thus providing a theoretical performance of approx. 730 m²/h.

The machine is easy to manoeuvre with a weight of 830 kg and equipped with driving chains of 80 mm width.

Art.-No. 6400274
PlanoMatic
P227

Working width
up to 2,700 mm
Area performance
up to 730 m²/h
Chain drive
with standard chains 80 x 40 mm
Traction drive
2 A.C. gear motors (powered by frequency converter) / max. 4.5 m/min.
Power
6.6 kW / 3 ph. / 400 V / 50-60Hz / 16 A
Weight
830 kg
Dimensions
L 2,440 x W 3,450 x H 820 mm
Subject to technical alterations

Semi-automatic paver for multipurpose sports surfaces, playgrounds, runways and jogging tracks.

P211 is driven by an electrical gear motor, and thanks to the frequency converters, its paving speed is variable and adjustable.

The steering inclination is equipped with operating element for closing and the oscillation of the screed. Lateral pressure on the steering drawbar determines the direction of travel of the machine.

The compaction of the material as well as the installation thickness can be changed manually. Therefore, this lightweight machine can easily be operated by one person.

Art.-No. 6400033
PlanoMatic
P211

Working width
up to 1,100 mm
Area performance
up to 290 m²/h
Chain drive
with standard chains 80 x 40 mm
Traction drive
Electric motor with frequency converter for variable speed from approx. 0.8 m/min to 4.5 m/min
Power
3 kW / 3 ph. / 400 V / 50 - 60 Hz / 16 A
Weight
450 kg
Dimensions
L 2,680 x W 1,890 x H 740 mm
Subject to technical alterations

Support for technical alterations
### FULLY AUTOMATIC SERIES

<table>
<thead>
<tr>
<th>Article Number</th>
<th>Technical details</th>
<th>Working width</th>
<th>Area performance</th>
<th>Chain drive</th>
<th>Traction drive</th>
<th>Power</th>
<th>Weight</th>
<th>Dimensions</th>
<th>Equipment</th>
<th>Steering panel</th>
<th>Installation thickness</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>6400117</td>
<td>up to 3,600 mm</td>
<td>970 m²/h</td>
<td>with standard chains 153 x 50 mm</td>
<td>2 infitely variable A.C. gear motors / speed of forward movement c. 0.8 m/min. to 4.5 m/min.</td>
<td>6 kW / 3 ph. / 400 V / 50 - 60 Hz / 16 A</td>
<td>1,100 kg (without optional accessories)</td>
<td>L 2,450 x W 4,300 x H 720 mm</td>
<td>two electro-hydraulic (levelling optional)</td>
<td>one manully (hand wheels)</td>
<td>one</td>
<td>manually (hand wheels)</td>
<td>up to 3,600 mm</td>
</tr>
<tr>
<td>6400108</td>
<td>up to 2,700 mm</td>
<td>up to 730 m²/h</td>
<td>with standard chains 153 x 50 mm</td>
<td>2 infitely variable A.C. gear motors / speed of forward movement c. 0.8 m/min. to 4.5 m/min.</td>
<td>6 kW / 3 ph. / 400 V / 50 - 60 Hz / 16 A</td>
<td>950 kg (without optional accessories)</td>
<td>L 2,450 x W 3,600 x H 720 mm</td>
<td>two electro-hydraulic (levelling optional)</td>
<td>one manully (hand wheels)</td>
<td>one</td>
<td>manually (hand wheels)</td>
<td>up to 2,700 mm</td>
</tr>
</tbody>
</table>

### SEMI-AUTOMATIC SERIES

<table>
<thead>
<tr>
<th>Article Number</th>
<th>Technical details</th>
<th>Working width</th>
<th>Area performance</th>
<th>Chain drive</th>
<th>Traction drive</th>
<th>Power</th>
<th>Weight</th>
<th>Dimensions</th>
<th>Equipment</th>
<th>Steering panel</th>
<th>Installation thickness</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>6400159</td>
<td>up to 2,700 mm</td>
<td>730 m²/h</td>
<td>with standard chains 80 x 40 mm</td>
<td>2 A.C. gear motors (steered by frequency converter) / max. 4.5 m/min.</td>
<td>6 kW / 3 ph. / 400 V / 50 - 60 Hz / 16 A</td>
<td>895 kg (including frequency converter)</td>
<td>L 2,410 x W 3,450 x H 670 mm</td>
<td>two A.C. gear motors (steered by frequency converter)</td>
<td>manually (hand wheels)</td>
<td>one</td>
<td>manually (hand wheels)</td>
<td>up to 2,700 mm</td>
</tr>
<tr>
<td>6400274</td>
<td>up to 2,700 mm</td>
<td>up to 730 m²/h</td>
<td>with standard chains 80 x 40 mm</td>
<td>2 A.C. gear motors (steered by frequency converter) / max. 4.5 m/min.</td>
<td>6.6 kW / 3 ph. / 400 V / 50 - 60 Hz / 16 A</td>
<td>830 kg (including frequency converter)</td>
<td>L 2,440 x W 3,450 x H 820 mm</td>
<td>two A.C. gear motors (steered by frequency converter)</td>
<td>manually (hand wheels)</td>
<td>one</td>
<td>manually (hand wheels)</td>
<td>up to 2,700 mm</td>
</tr>
</tbody>
</table>

### Subject to technical alterations
PlanoMatic P436 has been developed for the professional and efficiency-oriented installation of bonded screeds. Providing a working width of 3,500 mm, P436 is capable of paving up to 950 m²/h. Therefore the traction drives maintain speeds of 10 to 14 km/h. The star-shaped wheel guarantees best traction. A connected upstream material manifold makes the manual moving of the material unnecessary. Subsequently, the paddle shaft in front of the screed ensures an equal compaction. The screed can be adjusted in its slope and hence adjusted to all conditions – always assuring an optimal surface finish.

Semi-automatic paver for bonded screed.

PlanoMatic P102 is designed to fulfill all the requirements of industrial floor installations. High area coverage, state-of-the-art laser control guarantees an even and precise application. With adjustable speeds from approx. 0.8 to 1.6 m/min PlanoMatic P102 rapidly and evenly compresses every kind of industrial floor covering in one pass. A hand wheel enables the thickness of the covering to be regulated to exactly suit the conditions on the job site. It can also be used with levelling bars. Complying with laser guidance means that all kinds of top coverings can be laid absolutely even.

**PlanoMatic P436**

- **Working width**: 3,500 mm
- **Area performance**: max. 950 m²/h
- **Traction drive**: Electric motor infinitely variable by frequency inverter, for variable speed approx. 1.0 to 4.5 m/min
- **Power**: 6.2 kW / 400 V AC / 50 - 60 Hz
- **Weight**: 1,550 kg
- **Dimensions**: L 3,700 x W 1,600 x H 1,100 mm

**PlanoMatic P102**

- **Working width**: approx. 2,400 mm
- **Area performance**: max. 230 m²/h
- **Traction drive**: Electro-mechanical with 2-stage gear motor for variable speed approx. 0.8 m/min to 1.6 m/min forward and backward
- **Power**: 1.5 kW / 3 ph. / 380 V / 50 - 60 Hz / 16 A
- **Weight**: 250 kg
- **Dimensions**: L 1,000 x W 2,800 x H 900 mm
APPLYING/STRIPING
OF SYNTHETIC SPORTS SURFACES
Spraying machine for structured spray coatings and primer. 
Performance 15 kg/min.

StrukturMatic S122 is able to apply all structural spray coatings, solvent-based, solvent-free and water-based. PU-dispersions are used in the sports surfaces construction industry. The machine is industrially constructed, extremely agile and easy to maneuver. With its swivelling, articulated bracket for the long spray hose, an impressive action radius.

StrukturMatic S80 is based on the well-established technology of the StrukturMatic collection. Being the compact version of the S122, the S80 is an ideal replacement for professional structural coatings on synthetic sports surfaces.

<table>
<thead>
<tr>
<th>Model</th>
<th>Art.-No.</th>
<th>Spraying performance</th>
<th>Feeding pump</th>
<th>Main drive</th>
<th>Drive</th>
<th>Weight</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>S122 D</td>
<td>6400090</td>
<td>15 kg/min.</td>
<td>Electro-hydraulic</td>
<td>S122 D: diesel engine 14.9 kW (20.3 HP)</td>
<td>Hydraulic aggregate with tank, pump, control valve, control blocks; pump and compressor driven by motor via double V-belts; hydraulic tank capacity 90 litres.</td>
<td>550 kg</td>
<td>L 2,000 x W 1,000 x H 1,170 mm</td>
</tr>
<tr>
<td>S122 E</td>
<td>6400140</td>
<td>15 kg/min.</td>
<td>Electro-hydraulic</td>
<td>S122 E: electric motor 7.5 kW (10 HP)</td>
<td>Hydraulic aggregate with tank, pump, control valve, control blocks; pump and compressor driven by motor via double V-belts; hydraulic tank capacity 90 litres.</td>
<td>520 kg</td>
<td>L 2,000 x W 1,000 x H 1,170 mm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model</th>
<th>Art.-No.</th>
<th>Spraying performance</th>
<th>Feeding pump</th>
<th>Main drive</th>
<th>Drive</th>
<th>Weight</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>S80 B</td>
<td>6400035</td>
<td>12 kg/min.</td>
<td>Manual at the steering valve</td>
<td>S80 B: 8.7 kW (11.8 HP) petrol engine</td>
<td>Hydraulic aggregate with tank, pump, control valve, control blocks; pump and compressor driven by motor via double V-belts; hydraulic tank capacity 80 litres.</td>
<td>350 kg</td>
<td>L 1,800 x W 1,000 x H 1,070 mm</td>
</tr>
<tr>
<td>S80 E</td>
<td>6400162</td>
<td>12 kg/min.</td>
<td>Manual at the steering valve</td>
<td>S80 E: 7.5 kW (10.2 HP) electric motor</td>
<td>Hydraulic aggregate with tank, pump, control valve, control blocks; pump and compressor driven by motor via double V-belts; hydraulic tank capacity 80 litres.</td>
<td>330 kg</td>
<td>L 1,800 x W 1,000 x H 1,070 mm</td>
</tr>
</tbody>
</table>

Subject to technical alterations.
Granules blower to broadcast rubber on polyurethane coatings.

For a perfect finish with accurate coverage of the coating material, an even application layer and a sufficient quantity of granulate are absolutely essential. The special challenge faced during the careful spreading required for the installation of running tracks is to provide large granulate throw widths with a high degree of accuracy. This activity is usually labour intensive and is carried out by hand, using shovels. The GranuMatic makes this work much easier.

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>8100016</th>
</tr>
</thead>
</table>

### GranuMatic G402

**STEERING.**
Steering valve for the dosage of the material.

**COMPACT MOTORIZED.**
Powerful diesel engine and rotary blower compact placed for immediate performance.

**ENGINEERING.**
Granulate spreader tube with diffuser flap for controlling the scattering width, scattering angle and for precisely measured granulate quantities.

<table>
<thead>
<tr>
<th>Drive</th>
<th>Diesel engine 14.9 kW (20.3 HP)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scattering width</td>
<td>max. 12 metres</td>
</tr>
<tr>
<td>Performance</td>
<td>50 - 75 kg/min</td>
</tr>
<tr>
<td>Weight</td>
<td>580 kg</td>
</tr>
<tr>
<td>Dimensions</td>
<td>L 2,100 x W 1,000 x H 1,150 mm</td>
</tr>
</tbody>
</table>

Subject to technical alterations.
Pocket-striping machine for synthetic sports surfaces and artificial turf.

LineStar LS1 sprays 50 - 160 mm lines and markings on sports surfaces. Its air-pump operated lines are available on a common, ready-to-use 12V vehicle battery. The device is capable of applying the colour directly from the original container. The dropping distance is up to 500 mm. There is no risk of chemical contamination. Replenished self-cleaning outer discs inside of spraying arm produce most precise lines with no overspray.

Striping machine for synthetic sports surfaces and artificial turf.

With the help of LS1, line widths of 40 - 150 mm can be produced with line-marking paints, exactly as required. All functions for handling the machine are arranged on the machine steering handlebar and are very easy to control. It is very easy to use and therefore significantly reduces the work load of the operator.

<table>
<thead>
<tr>
<th>LineStar LS1</th>
<th>LineStar LS15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art.-No. 6213222</td>
<td>Art.-No. 6213568</td>
</tr>
</tbody>
</table>

**Drive**
- LineStar LS1: Electric motor: 670 W / 220 V / 50 Hz
- LineStar LS15: Petrol engine: 4.2 kW (5.7 HP) at 4,000 rpm

**Weight**
- LineStar LS1: 120 kg
- LineStar LS15: 120 kg

**Dimensions**
- LineStar LS1: L 140 x W 770 x H 1,010 mm
- LineStar LS15: L 1,290 x W 760 x H 960 mm

**Transport box**
- LineStar LS1: 
  - Suitcase 1: L 700 x W 500 x H 700 mm
  - Suitcase 2: L 700 x W 500 x H 400 mm
- LineStar LS15: 
  - L 1,160 x W 670 x H 1,080 mm

**Transport weight**
- LineStar LS1: Suitcase 1: 12 kg (29 kg gross)
- LineStar LS15: 150 kg

**Subject to technical alterations**
RECLAMATION
OF SYNTHETIC SPORTS SURFACES

CONTENTS

RauMatic
R400  Milling machine for synthetic sports surfaces. Removal depth max. 10 mm. P. 38
R125  Milling machine for synthetic sports surfaces. Removal depth max. 5 mm. P. 38

RotoMatic series
R90  Grinding machine for synthetic sports surfaces. Removal depth max. 2 mm; working width 900 mm P. 40
R58  Grinding machine for synthetic sports surfaces. Removal depth max. 2 mm; working width 300 mm P. 40

WashMatic
WM800  Ride-on machine for the cleaning of synthetic sports surfaces by high pressure water. P. 42
Milling machine for synthetic sports surfaces.
Removal depth max. 10 mm.

The renovation of sports surfaces through abrasion of the surface layer and subsequent re-coating is becoming ever more important as an alternative to a complete new installation. Reason being that it cuts down the cost to a great extent and saves considerable amount of materials. The original thickness and the technical characteristics of the rubber will remain the same.

The RauMatic R400 is a milling machine for milling of the surface coating from elastic PU sports surfaces.

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Milling machine for synthetic sports surfaces.
Removal depth max. 5 mm.

The RauMatic R125 is a manually operated milling machine for precise (exactly to the curb stone) and efficient milling work on tracks and multi-purpose playgrounds. A single milling disc creates different milling wide of 15/30/45 mm – 135 mm.

The milling depth of the R125 is infinitely variable from 0 – 5 mm.

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**RauMatic R400**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working width</td>
<td>400 mm</td>
</tr>
<tr>
<td>Material removal (milling depth)</td>
<td>0 – 5 mm</td>
</tr>
<tr>
<td>Area performance</td>
<td>446 m²/h (6 mm milling depth)</td>
</tr>
<tr>
<td>Drive</td>
<td>water-cooled 4-cylinder diesel engine</td>
</tr>
<tr>
<td>Weight</td>
<td>2,050 kg</td>
</tr>
<tr>
<td>Dimensions</td>
<td>L 2,700 x W 1,700 x H 1,670 mm</td>
</tr>
</tbody>
</table>

**RauMatic R125**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working width</td>
<td>15/30/45 mm – 135 mm</td>
</tr>
<tr>
<td>Material removal (milling depth)</td>
<td>0 - 5 mm</td>
</tr>
<tr>
<td>Area performance</td>
<td>–</td>
</tr>
<tr>
<td>Drive</td>
<td>4-stroke petrol engine</td>
</tr>
<tr>
<td>Weight</td>
<td>160 kg</td>
</tr>
<tr>
<td>Dimensions</td>
<td>L 1,115 x W 780 x H 1,205 mm</td>
</tr>
</tbody>
</table>
Grinding machine for synthetic sports surfaces.
Removal depth max. 2 mm; working width 900 mm

The RotoMatic R90 belongs to the second generation of the SMG grinders. It is generally used to grind up synthetic sports surfaces, especially structural coatings and prefabricated structural coverings of surfaces needing renovation.

<table>
<thead>
<tr>
<th>RotoMatic</th>
<th>R90</th>
<th>R58</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art.-No.</td>
<td>6400211</td>
<td>6400146</td>
</tr>
<tr>
<td>Working width</td>
<td>900 mm</td>
<td>300 mm</td>
</tr>
<tr>
<td>Material removal (grinding depth)</td>
<td>1 - 2 mm in a single operation</td>
<td>1 - 2 mm in a single operation</td>
</tr>
<tr>
<td>Area performance</td>
<td>920 m²/h, dependent of type of surface and grinding removal and ambient air temperature</td>
<td>720 m²/h, dependent of type of surface and grinding removal and ambient air temperature</td>
</tr>
<tr>
<td>Drive</td>
<td>Petrol engine 26 kW (35 HP)</td>
<td>1-cylinder petrol engine 7.6 kW (10.2 HP)</td>
</tr>
<tr>
<td>Electro-hydraulic drive unit</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>650 kg</td>
<td>65 kg</td>
</tr>
<tr>
<td>Dimensions</td>
<td>L 2,050 x W 1,305 x H 1,230 mm</td>
<td>L 1,550 x W 600 x H 940 mm</td>
</tr>
</tbody>
</table>

Subject to technical alterations

Grinding machine for synthetic sports surfaces.
Removal depth max. 2 mm; working width 300 mm

RotoMatic R58 is ideal for grinding of elastic synthetic sports surfaces. Its compact structure is particularly effective for small areas, bowling courts, alongside collecting nets and for projecting boundary lines.

<table>
<thead>
<tr>
<th>RotoMatic</th>
<th>R58</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art.-No.</td>
<td>6400146</td>
</tr>
<tr>
<td>Working width</td>
<td>300 mm</td>
</tr>
<tr>
<td>Material removal (grinding depth)</td>
<td>1 - 2 mm in a single operation</td>
</tr>
<tr>
<td>Area performance</td>
<td>720 m²/h, dependent of type of surface and grinding removal and ambient air temperature</td>
</tr>
<tr>
<td>Drive</td>
<td>1-cylinder petrol engine 7.6 kW (10.2 HP)</td>
</tr>
<tr>
<td>Weight</td>
<td>65 kg</td>
</tr>
<tr>
<td>Dimensions</td>
<td>L 1,550 x W 600 x H 940 mm</td>
</tr>
</tbody>
</table>

Subject to technical alterations
The WashMatic is powered by a 26 hp water-cooled diesel engine. The front attachment cleans synthetic sports surfaces, e.g. non-filled artificial grass, jogging tracks, multipurpose playing fields or outdoor surfaces by high pressure water. The spray lance can be adjusted. The rotating spray lance works with up to 140 bar. The water requirement per minute is 50 liters and easily provided by the water supply of the sports facility. The required amount of water can be assured. The 300 liters water tank has an integrated overflow valve can be used as a water buffer. In this case, an external water pump supplies the needed water to the water buffer. The dirty water is discharged via a drain hose. The working width of the WM800 is 800 mm; 200-250 m² can be cleaned per hour. The 300 liters water tank, external pump and hoses are placed on a compact trolley. This can be easily lowered by an electric winch over the ramp and positioned as needed.

### EASY HANDLING.
Controls and EcoBoost Drive, clearly arranged for intuitive handling.

### PRECISE.
Front attachment with rotating spray lance, manometer and valve to adjust spray pressure.

### INDIVIDUAL.
Ramp with winch for trolley with 300 litre intermediate tank, water pump and 2x 100 mtr. hoses.

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drive</td>
<td>26 hp water-cooled diesel engine</td>
</tr>
<tr>
<td>Water pressure</td>
<td>140 bar</td>
</tr>
<tr>
<td>Working width</td>
<td>800 mm</td>
</tr>
<tr>
<td>Area performance</td>
<td>200-250 m²/hour</td>
</tr>
<tr>
<td>Weight</td>
<td>1,600 kg</td>
</tr>
<tr>
<td>Dimensions</td>
<td>L 3,700 x W 1,300 x H 2,350 mm</td>
</tr>
</tbody>
</table>

Subject to technical alteration.
Tools and accessories

Tools and accessories for synthetic sports surfaces

**TestSet**
- PlanoTest PT2 (4 m - dismountable aluminium straight edge) to examine irregularities in range of +/- 10mm; FloorTest FT50 test for measuring thickness of elastic sports flooring, MK30 for roughness measuring, inclusive sturdy transport case.
  - Art.-No. 6400086
- FloorTest FT50
  - Art.-No. 6400104

**TurboSpray TS30**
- Spraying pistol for thick, very compact and coarse-grained materials
  - Art.-No. 6400089

**MultiSpray MS30**
- Spray gun for small repairs and patching works
  - Art.-No. 6400121

**HotTrowel**
- Electrically heated device for heat up smoothing trowels
  - Art.-No. 8900021

**Rolly K75**
- Art.-No. 6400188

**HR50 and HR70**
- HR 50 (50 cm)
  - Art.-No. 8900025
  - HR 70 (70 cm)
  - Art.-No. 6400119

**W10 and W20**
- Optional with weight
  - W 10 (50 cm)
    - Art.-No. 6400169
  - W 20 (70 cm)
    - Art.-No. 6400118
Tools and accessories

TOOLS AND ACCESSORIES FOR SYNTHETIC SPORTS SURFACES

- **Drum support with handle**
  - Art.-No. 3202284

- **Cable reel 220 V - 50 m**
  - Art.-No. 3202488

- **Wheelbarrow 250 Liter**
  - Art.-No. 3202564

- **Extension cord CEE Plug / Coupling 400 V / 32 A**
  - Plug: Art.-No. 3400237
  - Coupling: Art.-No. 3400215

- **Extension cord 400 V - 25 m**
  - Art.-No. 6307016

- **Adapter cord 16 A Plug / 32 A Coupling**
  - Art.-No. 3203198

- **Drum wheelbarrow**
  - Art.-No. 3202487

- **Drum wrench**
  - Art.-No. 6200860

- **Generator E160**
  - 16 kVA / 400V / 50 - 60 Hz
  - Weight: 790 kg
  - Art.-No. 8700001

- **Generator E285**
  - 40 kVA / 400 V / 50 Hz
  - Weight: 950 kg
  - Art.-No. 8700008

- **Generator E660**
  - 63 kVA / 400 V / 50 - 60 Hz
  - Weight: 1.300 kg
  - Art.-No. 8700012

- **CEE Plug / Coupling 400 V / 16 A**
  - Plug: Art.-No. 3400204
  - Coupling: Art.-No. 3400212
Tools and accessories

TOOLS AND ACCESSORIES FOR SYNTHETIC SPORTS SURFACES

- Digital scale
  - Art.-No. 3202874
- Wheelbarrow
  - Art.-No. 3202353
- Mixing bucket
  - Art.-No. 3200634
- Hand drill
  - Art.-No. 3202874
- Aluminium shovel
  - Art.-No. 3202348
- Bucket
  - Art.-No. 3202332
- Smoothing trowel (280 mm)
  - Art.-No. 3202338
- Smoothing trowel (450 mm)
  - Art.-No. 3202333
- Scraper
  - Art.-No. 3202334
- Leaves blower
  - Art.-No. 8900067
- Leaves vacuum
  - Art.-No. 8900068
- Snip string
  - Art.-No. 3202352
- Tape measure
  - Art.-No. 3202352
passion for sports grounds