Technical Data

HÜDIG Irrigation Machine
Type Iromat II FLAT
www.huedig.de

Design:
- Optional:
  max. 550 m special PE pipe 100 x 11 mm - 9.1 mm - 7.4 mm
  max. 500 m special PE pipe 110 x 10 mm - 8.2 mm
  max. 370 m special PE pipe 120 x 9.0 mm
- Special gearbox (4 gears) with adjustable band brake
- Full casing
- P.T.O. shaft fast rewind
- Hydraulic support legs at the back
- Return stop at the pipe drum
- Mechanical safety shut-down against winding faults
- Low pressure - and total shut-down
- Fully galvanized water inlet (depending on shut-down option)
- Single axle chassis with wide tires 15.00/55 17 AW
- Fix track of 2.000 mm
- Electronic speed control with pinion sensor,
  - Pre- and after irrigation 0-99 min
  - Different speeds 5-200 m/h (depending on water conditions) for each irrigation cycle possible
  - Display of irrigation time
  - Simple programming
- Sprinkler skid, with automatic lifting
- Large-area sprinkler TWIN 140 ULTRA

Optional equipment:
- Large-area sprinkler at choice
- Compressed air brake system incl. operating licence acc. to Road Traffic Act (StVO)
- Lockable turntable
- Hydraulic drive for turntable
- Pipe guidance device (mechanical or fully hydraulic)
- Supply hose DN 90, 8 m, 89 female/male,
  - Discharge hose DN 5, 9 m, 90 female
- Water meter DN 80 non-calibrated or calibrated (on request)
- Lighting installation
- Solar panel for battery recharging
- Supply hose reel for 12 m flat hose DN 90
- GSM control
- Additional sprinkler for close range (electronically controlled)

Applications:
- Agricultural areas, approx. 50 ha
- Vegetable cultivation
- Special crops
- Environmental protection (dust binding etc.)

Data and dimensions:

<table>
<thead>
<tr>
<th>Sprinkler type</th>
<th>Unit</th>
<th>TWIN 140 ULTRA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nozzle diameter</td>
<td>mm</td>
<td>16</td>
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<tr>
<td>Water consumption</td>
<td>m³/h</td>
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<tr>
<td>Sprinkler throw range (WW)</td>
<td>m</td>
<td>35.5</td>
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<tr>
<td>Irrigated area</td>
<td>m²</td>
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<tr>
<td>Nozzle pressure</td>
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<tr>
<td>Water consumption</td>
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<tr>
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<td>Irrigated area</td>
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<tr>
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<td>Water consumption</td>
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<tr>
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<tr>
<td>Irrigated area</td>
<td>m²</td>
<td>68.0</td>
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</tbody>
</table>

Subject to technical modifications and changes in scope of supply!

HÜDIG - your partner to solve water problems.

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