



BAUER

FOR A GREEN WORLD

RAINSTAR E55 S

High capacity machine for taller crops

- RAINSTAR with special PE-pipe
- Fixed pipe reel for discarding the pipe and pipe at the back
- 4-wheel undercarriage with fixed barrel axle and hydraulic jack
- Turbine and gear located at the front for easy use
- Drive with BAUER full flow turbine TVR 60
- Laser fabricated precision tooth segments ensure high efficiency for reel drive
- Irrigation computer ECOSTAR 4000S with back up battery and solar panel
- BAUER 4-speed gear box with brake and PTO reeling device
- Drive-through design with high ground clearance
- Unit connection both sides HK 108



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Robust reel drive

Due to high strength quality chain and precision manufactured tooth segments.



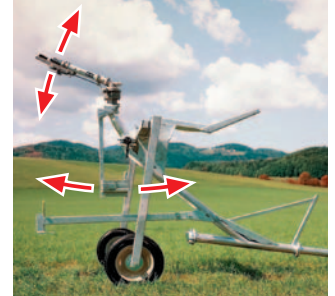
Pipe guide mechanisms for laying down the PE pipe

User-friendly, hydraulic pipe guide mechanism lays down the PE-pipe precisely between plant rows.



Fixation of cart

Fully automatic hydraulic cart anchor for laying down the PE pipe easily in any plant row.



Combi wheel cart

Crop protecting, with high clearance and automatic angle compensation for a consistent position of the sprinkler during PE pipe retraction.



High clearance height

480mm free clearance height for eliminating crop damage while laying down the PE pipe even with high-growing crops.



Hydraulic cart lift

Due to two additional hydraulic cylinders the height of the cart can be adjusted independently of the cart supports.



Ease of operation

Clear operation of the hydraulic support of the cart lift and the pipe guide mechanism for laying down the PE pipe.



In house PE-pipe production

with special granulate material for highest strength & quality. Low pressure loss due to optimal wall thickness of the PE pipe.

Specifications

| RAINSTAR Model | Type | PE pipe Ø mm | PE pipe length m | Strip width m | Discharge capacity m³/h | Nozzle range mm | Connection pressure bar | Weight kg | |
|----------------|-----------|--------------|------------------|---------------|-------------------------|-----------------|-------------------------|------------|-----------|
| | | | | | | | | with water | w/o water |
| E55 S | 110 - 700 | 110 | 700 | 65 - 82 | 25 - 55 | 18.0 - 26.0 | 5.0 - 11.0 | 10820 | 6850 |
| | 120 - 650 | 120 | 650 | 75 - 98 | 33 - 72 | 22.0 - 32.5 | 5.0 - 11.0 | 11520 | 7060 |
| | 125 - 620 | 125 | 620 | 80 - 103 | 40 - 88 | 25.0 - 35.0 | 5.0 - 11.0 | 11780 | 7100 |
| | 140 - 460 | 140 | 460 | 80 - 115 | 40 - 110 | 25.0 - 37.5 | 5.0 - 11.0 | 11250 | 6730 |

Dimensions

| Model | Height mm | Width mm | Length mm | | Clearance mm | Tyres | Track width mm |
|-------|-----------|----------|-----------|----------|--------------|----------------|----------------|
| | | | with cart | w/o cart | | | |
| E55 S | 4 100 | 2 800* | 8 350 | 5 650 | 480 | 4x12.5/80-15.3 | 2000-2250 |

* without wheel chart

Hitch mounting mm

| | | |
|-----|-----|---|
| | | |
| 700 | 790 | - |

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