

**HÜDIG Irrigation Machine****Type Iromat IV RED****Design:**

## ➤ Options:

max. 600 m special PE pipe 120 x 13,5 mm - 11 mm - 9 mm max. 410 m special PE pipe 140 x 10,4 mm
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- 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 from both sides (depending on shut-down option)
- Chassis with tandem pendulum axle
- Lockable turntable
- Adjustable for 3 tracks: 1.800, 2.000 and 2.250 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 202 ULTRA

**Optional equipment:**

- Large-area sprinkler at choice
- Compressed air brake system incl. operating licence acc. to Road Traffic Act (StVO)
- Pendulum locking of the tandem axle
- Hydraulic drive for turntable
- Hydraulic support leg at the front
- Pipe guidance device (mechanical or fully hydraulic)
- Supply hose DN 100, 8 m, 108 female/male,  
Discharge hose DN 100, 5 m, 108 female
- Water meter DN 100 non-calibrated or calibrated (on request)
- Lighting installation
- Solar panel for battery recharging
- GSM control
- Additional sprinkler for close range (electronically controlled)
- Wide tires

**Applications:**

- Agricultural areas, approx. 70 ha
- Vegetable cultivation
- Special crops
- Environmental protection (dust binding etc.)

**Data and dimensions:**

Length <sup>1)</sup> mm	Width mm	Height mm	Track mm	Weight without PE pipe
6.750	3.000	4.100	1.800/2.000/2.250	3.971 kg
Ground clearance mm			Tires	
500			11.5/80-15.3 AW 14PR	

PE pipe (mm)	Weight (kg/m)	Weight of PE pipe (kg)
∅ 120 x 13,5-11,0-9,0	3,53 without water	at 600 m length = 2.115
	11,36 with water	at 600 m length = 6.817
∅ 140 x 10,4	4,37 without water	at 410 m length = 1.792
	15,46 with water	at 410 m length = 6.338

Sprinkler type	Unit	TWIN 202 ULTRA					
		24	26	28	30	32	34
Nozzle diameter	mm						
Nozzle pressure	bar	3,0					
Water consumption	m <sup>3</sup> /h	38,5	45,6	52,6	60,4	69,1	77,5
Sprinkler throw range (WW)	m	41,5	42,9	43,1	43,5	43,8	44,1
Irrigated area <sup>2)</sup>	m	70,6	72,9	73,3	73,9	74,5	75,0
Nozzle pressure	bar	4,0					
Water consumption	m <sup>3</sup> /h	44,5	52,6	60,7	69,7	79,8	89,4
Sprinkler throw range (WW)	m	47,7	49,9	52,1	53,6	55,0	57,0
Irrigated area <sup>2)</sup>	m	81,1	84,8	88,6	91,1	93,5	96,9
Nozzle pressure	bar	5,0					
Water consumption	m <sup>3</sup> /h	49,7	58,8	67,9	78,0	89,2	100,0
Sprinkler throw range (WW)	m	51,0	53,6	56,2	58,6	61,1	63,1
Irrigated area <sup>2)</sup>	m	86,7	91,1	95,5	99,6	103,9	107,3

1) Length without sprinkler skid

2) Usable irrigated area = 2 x WW -15% for overlapping and loss due to wind

Subject to technical modifications and changes in scope of supply!

# HÜDIG - your partner to solve water problems.

**HÜDIG®**  
GmbH & Co. KG

**Absenk- und Beregnungsanlagen**

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