



# SOUTHERN CROSS

Established 1871

*"Innovation into the future"*

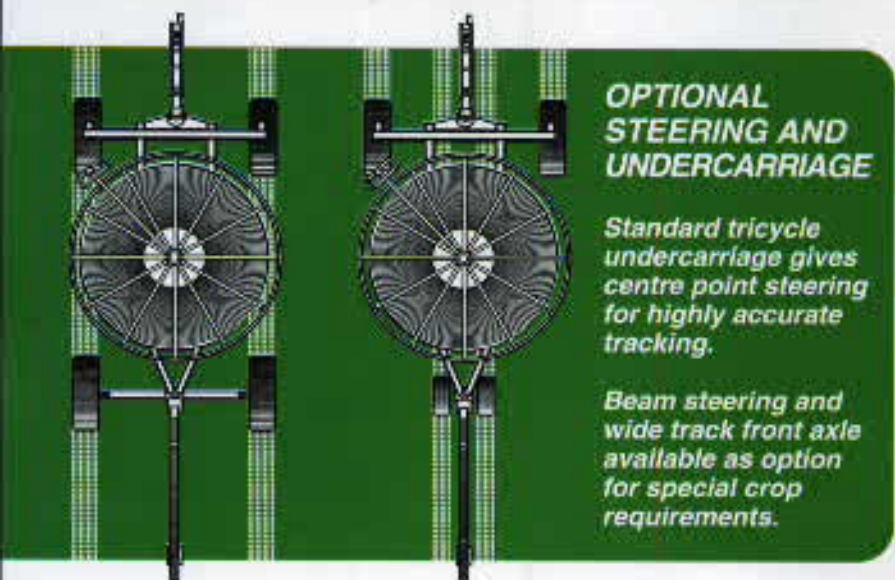


## **TX 550** IRRIGATOR

For use with up to... 200 metres of 3½, 4 or 4½ inch hose or... 300 metres of 4 or 4½ inch hose

### Features...

- Heavy duty components
- Mono-frame chassis for exceptional strength
- Large flotation tyres
- Hot dip galvanised for optimum protection
- Superior pulling power—4000 kg (9000 lbs)
- Full canopy over drive unit
- Tricycle undercarriage for accurate tracking
- High capacity compressor for fast hose purging
- Automatic stopping at end of spray run
- Self-cleaning in-line filter
- Powerful integrated piston type water motor
- Variable speed control
- Adjustable rear wheel brakes
- AS/NZS ISO 9001 Quality Assured
- Fitted with Southern Cross variable angle "Water Cannon" and overhead discharge exhaust jets



### OPTIONAL STEERING AND UNDERCARRIAGE

Standard tricycle undercarriage gives centre point steering for highly accurate tracking.

Beam steering and wide track front axle available as option for special crop requirements.

**Double Hose Reel Model...**

...with Hose Purge and Hose Guides

**Single Hose Reel Model...**

...with Hose Purge and Hose Guides

**Basic Irrigator without Hose Reel...**

...no Hose Purging Equipment or Hose Guides included



# SOUTHERN CROSS TX550 IRRIGATOR

## GUIDE TO PERFORMANCE

### Overall dimensions and specifications...

Rated Pulling Power:  
4000kg  
(9000lbs)



Tyre Size:  
Rear 31 x 10.5 x 15"  
Front 16 x 7.5 x 8"

Mass:  
(without hose)  
No Hose Reel: 1250 kg  
Single Reel: 1580 kg  
Double Reel: 1750 kg

Nozzle Diam. mm	Pressure at Sprinkler m Head	Flow Rate l/sec	m Head Loss in Hose	Sprinkler Wetted Width m.	Lane Spacing Metres	Area Irrigated Per Run Hectares	Depth of Water Applied mm						
							7 Hr Run	10 Hr Run	23 Hr Run	47 Hr Run			
<b>TX550B 400m Spray Run (200m x 3/2" Hose) Southern Cross Water Cannon</b>							Max Hectares per Run						
							0	1	2	3	4	5	6
30	52	21.0	21.0	112	78.4	3.1	17	24	55	113			
32	52	23.9	27.0	116	81.2	3.2	19	26	61	125			
<b>TX550A 600m Spray Run (300m x 4" Hose) Southern Cross Water Cannon</b>							Max Hectares per Run						
							0	1	2	3	4	5	6
30	52	21.0	15.4	112	78.4	4.7	-	16	37	76			
32	52	23.9	19.6	116	81.2	4.9	-	18	41	83			
34	62	29.5	28.9	128	89.6	5.4	-	20	45	93			
<b>TX550C 400m Spray Run (200m x 4" Hose) Southern Cross Water Cannon</b>							Max Hectares per Run						
							0	1	2	3	4	5	6
30	52	21.0	10.3	112	78.4	3.1	17	24	55	113			
32	52	23.9	13.1	116	81.2	3.2	19	26	61	125			
34	62	29.5	19.3	128	89.6	3.6	21	30	68	139			
<b>TX550D 600m Spray Run (300m x 4 1/2" Hose) Southern Cross Water Cannon</b>							Max Hectares per Run						
							0	1	2	3	4	5	6
34	62	29.6	16.0	128	89.6	5.4	-	20	46	93			
36	62	33.1	20.0	132	92.4	5.5	-	21	49	101			
38	62	37.0	25.0	136	95.2	5.7	-	23	54	110			
40	62	40.9	30.0	138	96.6	5.8	-	25	58	119			
<b>TX550E 400m Spray Run (200m x 4 1/2" Hose) Southern Cross Water Cannon</b>							Max Hectares per Run						
							0	1	2	3	4	5	6
34	62	29.6	11.0	128	89.6	3.6	21	30	68	140			
36	62	33.1	13.0	132	92.4	3.7	23	32	74	152			
38	62	37.0	17.0	136	95.2	3.8	24	35	80	164			
40	62	40.9	20.0	138	96.6	3.9	27	38	88	179			

As Tyco Flow Control Pumping Systems policy is one of constant improvement, we reserve the right to make specification changes without notice and without incurring liability.

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