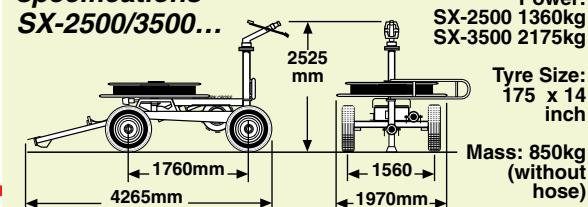




SX-2500 / 3500

TRAVELLING IRRIGATORS

Overall dimensions and specifications
SX-2500/3500...



SX-2500 / 3500

TRAVELLING IRRIGATORS

EASY, OPERATOR SAFE
IRRIGATION

EASY, OPERATOR SAFE
IRRIGATION

GUIDE TO PERFORMANCE

Nozzle Diam. mm	Sprinkler Pressure kPa	Flow Rate l/sec	Friction Loss in Hose kPa	Sprinkler Wetted Width m	Lane Spacing m	Area Irrig. Per run ha	Average Application Rate mm/hr	Depth of Water Applied mm				
								4hr Run	7hr Run	11hr Run	23hr Run	47hr Run
SX-2500A 200m Spray Run (100m x 2.5 inch Hose) Nelson SR100 Big Gun Sprinkler with Ring Nozzle Set												
18	413	5.1	40	72	50	1.01	5.2	8	13	20	43	86
23.6	550	12.0	207	93	65	1.30	7.2	13	23	36	76	155
SX-2500B 300m Spray Run (150m x 2.5 inch Hose) Nelson SR100 Big Gun Sprinkler with Ring Nozzle Set												
18	413	5.1	60	72	50	1.50	5.2	5	8	13	28	58
22.7	550	10.3	227	91	64	1.94	6.5	8	13	20	43	89
SX-2500C 400m Spray Run (200m x 2.5 inch Hose) Nelson SR100 Big Gun Sprinkler with Ring Nozzle Set												
18	413	5.1	80	72	50	2.02	5.2	-	8	10	20	43
21.8	550	9.2	243	87	61	2.43	6.4	-	10	15	30	64
SX-2500D 200m Spray Run (100m x 3 inch Hose) Nelson SR150 Big Gun Sprinkler with Ring Nozzle Set												
21.8	413	6.9	17	79	55	1.13	5.8	10	15	25	51	107
34	550	24.0	225	116	81	1.62	9.4	20	38	58	122	249
SX-2500E 300m Spray Run (150m x 3 inch Hose) Nelson SR150 Big Gun Sprinkler with Ring Nozzle Set												
21.8	413	6.9	26	79	55	1.66	5.8	5	10	15	36	71
32	550	19.9	239	110	77	2.31	8.7	13	23	33	71	145
SX-2500F 400m Spray Run (200m x 3 inch Hose) Nelson SR150 Big Gun Sprinkler with Ring Nozzle Set												
21.8	413	6.9	34	79	55	2.23	5.8	-	8	13	25	53
30	550	16.4	222	104	73	2.91	8.0	-	15	23	46	97
SX-3500A 400m Spray Run (200m x 3 inch Hose) Nelson SR150 Big Gun Sprinkler with Ring Nozzle Set												
21.8	413	6.9	34	79	55	2.23	5.8	-	8	13	25	53
30	550	16.4	222	104	73	2.91	8.0	-	15	23	46	97
SX-3500B 300m Spray Run (150m x 3.5 inch Hose) Nelson SR150 Big Gun Sprinkler with Ring Nozzle Set												
21.8	413	6.9	12	79	55	1.66	5.8	-	10	15	36	71
35.8	550	28.1	231	120	84	2.55	10.2	-	28	43	91	188
SX-3500C 400m Spray Run (200m x 3.5 inch Hose) Nelson SR150 Big Gun Sprinkler with Ring Nozzle Set												
21.8	413	6.9	17	79	55	2.23	5.8	-	8	13	25	53
35.8	550	28.1	274	120	84	3.40	10.2	-	20	33	69	140
SX-3500D 300m Spray Run (150m x 4 inch Hose) Nelson SR150 Big Gun Sprinkler with Ring Nozzle Set												
21.8	413	6.9	5	79	55	1.66	5.8	-	10	15	36	71
35.8	550	28.1	122	120	84	2.55	10.2	-	28	43	91	188

Table shows maximum and minimum flows and pressures only. Call your local dealer or Southern Cross for detailed performance.

Distributed by... Ellis Tanks - www.ellistanks.com.au
5 Lucinda Street Toowoomba Q 4350
P: 07 46 357 507 F: 07 46357507
M: 0427 716 087

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

e-mail: glenn@ellistanks.com.au
web: www.ellistanks.com.au

tyco

Applications

— AGRICULTURE —

Small Crops, Broadacre,
Turf Farms, Nurseries.

— TURF WATERING —

Playing Fields, Parks and
Gardens, Lawn Cemeteries,
Golf Courses, Race Courses.

— DUST CONTROL —

Mining, Construction Sites.

Features

- | OH&S Assessed
- | Easy, Safe Operation
- | Self-Propelled
- | Auto Stop
- | Heavy Duty Design
- | P.T.O. Hose Reel
- | Adjustable Speed
- | Power to Handle Heavy Conditions
- | Positive Drive via Winch Cable & Anchor
- | Hot Dip Galvanised
- | Piston Type Water Motor
- | Self-cleaning In-line Filter for Water Motor





ANGLED HOSE CONNECTIONS:
Inlet and hose purging connections are inclined to suit angle of hose for easy connection and to protect the hose.



POSITIVE LOCK DRIVE ARMS:
Cam action ensures positive engagement of drive arms in cable drum.



REAR WHEEL BRAKES:
Optional bolt-on brakes, easy to retro fit, give independent braking on uneven terrain.



WHEELS & STUB AXLES:
Heavy galvanised rims. Stub axle located on axle centre line for accurate steering and tracking.



SX-2500 / 3500 TRAVELLING IRRIGATORS



POWERFUL WATER MOTOR:
Field proven water motor and drive mechanism for reliable service in the heaviest soil conditions.



HOSE REEL LEVER:
Easy access to hose reel engage / disengage lever for added operator safety and convenience.



OH&S ASSESSED:
Full product risk assessment completed by independent OH&S inspectors for user safety.

SPECIFICATIONS

SPRINKLER: Nelson SR100 or SR150 with ring nozzle set.

HOSE: Angus Premium Hi-Flow 2.5, 3, 3.5 or 4 inch.

FLOW RATE: 5 to 28 litres per second.

OPERATING PRESSURE RANGE: 400 to 550 kPa.

TRAVEL DISTANCE PER RUN: 200 to 400 metres.

WETTED WIDTH: 72 to 120 metres.

RATED PULLING POWER: 1360 kg (SX2500) 2175 kg (SX3500).

OPTIONAL EXTRAS: Rear wheel brakes, hose purging compressor (std. on SX2500F & all SX3500 models), horizontal hose guide roller, high flotation tyres (10.5 inch wide x 15 inch rims).



BOLTED DESIGN HOSE REEL:
Made from smooth sheet for reduced hose wear. Inexpensive conversion from one hose size to another.



PTO SHAFT RESTRAINTS:
Easy access PTO shaft carrier includes rubber retaining straps to hold shaft when towing irrigator.



FULLY ENCLOSED GEARBOX:
52:1 ratio worm drive hose reel gearbox fully sealed and oil filled. Includes thermal expansion chamber.



INDEPENDENT PTO DRIVES:
Hose reel and purge use separate input shafts for added safety. PTO shaft fitted with safety guards.



CABLE GUIDES:
One piece hardened cable guides for extended cable life. Can be rotated for new guide surface.



STOPPING PLATE:
Positive locking, cable mounted, simple to fit and adjust for run length. Suits tractor or fixed anchor.