



SPP UNDERGROUND RANGE





Flat Trench Roller - SPP

Part No. Various

- Flat trench roller with 140mm nylon or aluminium roller
- Can be pinned on side for corner bends
- Galvanised finished frame
- Replacement nylon and aluminium rollers available

Part No.	Roller Material	Max cable Dia. (mm)	Dimensions (mm)			Wt (kg)
			Length	Width	Height	
SPP-2A-140	Nylon	150	330	170	180	1.2
SPP-2A-140A	Aluminium	150	330	170	180	2.6

Flat Trench / Cable Tray Roller - SPP

Part No. Various

- Zinc plated frame
- Nylon and Aluminium rollers available
- Legs can be attached for cable tray /ladder work

Part No.	Roller Material	Max cable Dia (mm)	Dimensions (mm)			Wt (kg)
			Length	Width	Height	
SPP-3A-140	Nylon	150	210	260	150	2.2
SPP-3A-140A	Aluminium	150	210	260	150	3.2

Rollers - Underground

Raised Trench Rollers - SPP

Part No. SPP-2A-RTR

- Quality aluminium roller complete with bearings
- Galvanised steel frame
- Can be arranged over existing cables in trench

Part No.	Roller Material	Max cable Dia. (mm)	Dimensions (mm)			Wt (kg)
			Length	Width	Height	
SPP-2A-RTR	Aluminium	150	290	230	260	2.6

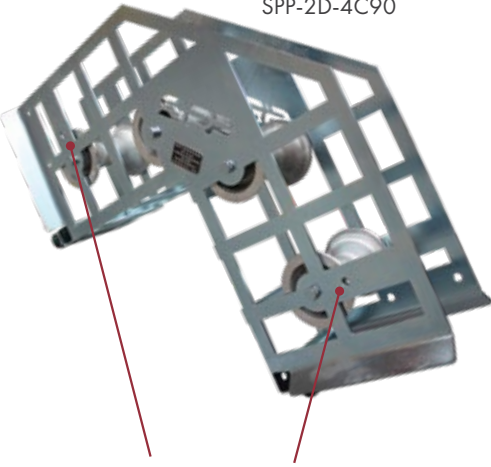


Corner & Curve Rollers - SPP

Part No. Various

- Solid construction trench roller guides
- Provisions to peg units down and join units together
- Supplied with internal bearings
- Zinc plated finish
- Replacement rollers available

SPP-2D-4C90

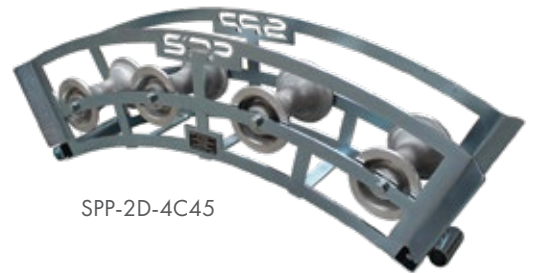


Versatile 90° four corner roller with dual radius capabilities by simply moving bolts to other positioned holes on frame

Part No.	Dimensions (mm)	Angle	Bend Radius (mm)	No. of Rollers	Rollers	Max. Cable OD (mm)
SPP-2D-4C90	700 (L) x 170 (W)	90°	350, 600 & 700	4	Aluminium	150
SPP-2D-3C45	550 (L) x 170 (W)	45°	500	3		150
SPP-2D-4C45	800 (L) x 170 (W)	45°	900	4		150



SPP-2D-3C45



SPP-2D-4C45

Corner Rollers - SPP

Part No. Various

- Ground cable laying corner roller/ trench roller
- Corner guide trench roller
- 1 x Horizontal & 2 x Vertical 60mmOD rollers
- Easily pinned together with star pickets or pins
- 1000kg WLL
- Inverted model also available (SPP-2B-TCR-IN)



Part No.	Max. Payload (kg)	Dimensions (mm)	Wt (kg)
SPP-2B-TCR	1000	450 (L) x 300 (W) x 310 (H)	12.0
SPP-2B-TCR-IN			14.0

SPP-2B-TCR



SPP-2B-TCR

SPP-2B-TCR-IN



Trench Feed In Rollers - SPP

Part No. SPP-2B

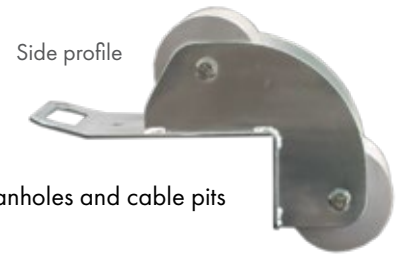
- Feed-in roller guides for underground applications
- Sealed roller bearings
- All units have fixing points

Part No.	Roller & Frame	Roller Length (mm)	Dimensions (mm)	Wt (kg)
SPP-2B-1000	Zinc Plated Steel	1000	1105 (L) x 220 (W) x 125 (H)	15.71
SPP-2B-2X45	Zinc Plated Steel	2 x 600	1040 (L) x 220 (W) x 520 (H)	14.7

Manhole Roller Guides - SPP

Part No. SPP-MRG

- Right angle corner to assist with laying cables into manholes and cable pits
- Anchoring points in base plates if required
- 140mm aluminium rollers



Part No.	Roller Configuration	Bend Radius (mm)	Wt (kg)
SPP-MRG-1	Single Fixed	-	6.5
SPP-MRG-2	Double Fixed	260	8.5
SPP-MRG-3	Triple Fixed	320	12.7
SPP-MRG-3	Triple Pivoting	320	13.0

Bell-Mouth, Cable Feeding - Lockable - SPP

Part No. SPP-BM

- Made from Zinc Plated Steel
- Split design allows easy removal after cable installation
- Designed for cable entry applications
- Allows multi-direction entry into the conduit



Part No.	Neck OD (mm)	Suits Conduit Nominal Diameter (mm)	Split Feature	Dimensions (mm)	Wt (kg)
SPP-BM-050E	42	50 Electrical	Dual Wingnut	255 (L) x 120 (W) x 115 (H)	1.1
SPP-BM-050T	48	50 Telco		255 (L) x 130 (W) x 115 (H)	1.3
SPP-BM-063E	48	63 Electrical		255 (L) x 140 (W) x 115 (H)	1.3
SPP-BM-063T	60	63 Telco	Hinged	250 (L) x 117 (W) x 110 (H)	1.3
SPP-BM-080	74	80		250 (L) x 130 (W) x 140 (H)	1.6
SPP-BM-100	98	100		250 (L) x 177 (W) x 155 (H)	2.8
SPP-BM-125	118	125		250 (L) x 200 (W) x 165 (H)	3.4
SPP-BM-150	138	150		250 (L) x 220 (W) x 175 (H)	3.8
SPP-BM-200	190	200		300 (L) x 297 (W) x 260 (H)	9.4



Sheave, Cable Feeding - Lockable - SPP

Part No. SPP-LFS

- Made from Zinc Plated Steel with Aluminium Roller
- Split design allows easy removal after cable installation
- Designed to suit Cable Exit or Entry
- Lockable to conduit by expansion screw



Part No.	Neck OD (mm)	Suits Conduit ID (mm)	Split Feature	Dimensions (mm)	Wt (kg)
SPP-LFS-080	74	80	Hinged	375 (L) x 190 (W) x 160 (H)	4.15
SPP-LFS-100	98	100		365 (L) x 190 (W) x 190 (H)	5.30
SPP-LFS-125	118	125		390 (L) x 195 (W) x 200 (H)	6.05
SPP-LFS-150	138	150		380 (L) x 225 (W) x 220 (H)	6.60
SPP-LFS-200	190	200		460 (L) x 310 (W) x 300 (H)	14.85

Rollers - Cable Tray

Cable Tray Roller - SPP

Part No. SPP-3A

- Quality aluminium roller complete with bearings
- Easily adaptable for a variety of uses, low profile
- Ideal for cable or ladder tray work
- Suits cable up to 150mm diameter
- Remove legs to convert to "Flat Trench Rollers"

Part No.	Roller Material	Max cable Dia. (mm)	Dimensions (mm)	Wt (kg)
SPP-3A-140L	Nylon	150	600 (L) x 260 (W) x 150 (H)	3.8
SPP-3A-140AL	Aluminium	150	600 (L) x 260 (W) x 150 (H)	4.7

4-Way Cable Tray Roller - SPP

Part No. SPP-TR-605R

- 5 bar rollers with sealed bearings
- Mounting bracket suits cable ladder and cable tray (1mm to 50mm)
- Large wind in dials for easy opening and closing
- Zinc plated
- 200kg WLL

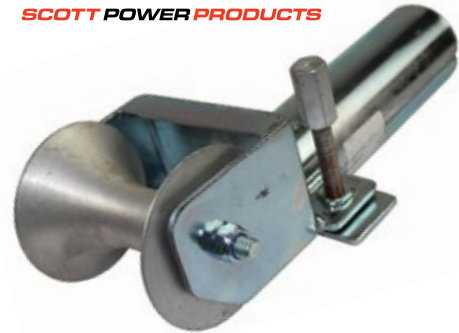


Part No.	Max cable Dia (mm)	Dimensions (mm)	Wt (kg)
SPP-TR-605R	80	125 (L) x 260 (W) x 360 (H)	4.45

Box Style Cable Tray Roller - SPP

Part No. SPP-3A-100

- Aluminium box style cable tray roller box style
- 42mm x 100mm roller





Conduit Proving Mandrels - SPP

DUCT Proving Mandrels

Part No. SPP-PM-Series

Used for testing circular integrity of Conduits before cable Hauling

Features

- Manufactured standard with Stainless-Steel Wire Rope an Thimbles or Stainless-Steel Eye Nuts & Threaded Rod attachments secure ropes for cable hauling
- Ideal for testing NBN & Telstra ducts or conduits
- Tests electrical and communications conduits
- Made from high quality HDPE material for long life and lubricity

Supplied with Stainless Steel Fittings



50mm Proving Mandrel
SPP-PM-50E



80mm Proving Mandrel
SPP-PM-080

Stainless Steel Wire Rope,
Thimble & Ferrule



Stainless Steel Eye Nut
& Threaded Rod



STAINLESS STEEL eye fittings means extended service life

Part No.	Conduit Size (mm)	Conduit Type	Mandrel Length (mm)	Mandrel OD (mm)	Overall Length (mm)	Wt (kg)	Eye Fitting (mm)
SPP-PM-18		Telco	40	18	115	0.05	2 ¹
SPP-PM-24		Telco	40	24	115	0.05	2 ¹
SPP-PM-28		Telco	60	28	160	0.05	3.2 ¹
SPP-PM-32		Telco	60	32	180	0.05	3.2 ¹
SPP-PM-38		Telco	60	38	180	0.07	3.2 ¹
SPP-PM-50T	50	Telco	80	47	145	0.15	6*
SPP-PM-63T	63	Telco	100	60	180	0.30	8*
SPP-PM-50E	50	Electrical	80	40	200	0.10	3.2 ¹
SPP-PM-63E	63	Electrical	100	52	180	0.25	8*
SPP-PM-080	80	Electrical	180	74	260	0.75	8*
SPP-PM-100	100	Electrical	180	90	275	1.10	10*
SPP-PM-125	125	Electrical	245	113	340	2.20	10*
SPP-PM-150	150	Electrical	245	130	340	2.85	10*
SPP-PM-200	200	Electrical	280	184	375	5.80	10*

1 = Stainless Steel Wire & Thimble - * = Stainless Steel Eye-Nut



Wire Brushes and Squeegees



Wire Brushes - SPP

Part No. Various

- Clean debris from the inside of conduits or ducts (50 to 200mm) before cable hauling/pulling
- Welded eyes for rope attachment
- Galvanised

Part No.	Description	Approx Equipment OD (mm)	Suit Conduit Size (mm)
SPP-WB-050	Wire Brush	55	50 Electrical
SPP-WB-063		70	63 Electrical
SPP-WB-080		90	80
SPP-WB-100		110	100
SPP-WB-125		130	125
SPP-WB-150		160	150
SPP-WB-200		230	200

Contact TEN for Telecommunications Duct Cleaning Needs



Rubber Conduit Cleaner - SPP

Part No. Various

- Cleans finer dirt and debris from conduits or ducts (50 to 200mm). For larger or stubborn debris, use wire brush (SPP-WB) first
- Welded eyes for rope attachment.
- Galvanised finish with 5 rubber squeegees

Part No.	Description	Approx Equipment OD (mm)	Suit Conduit Size (mm)	Wt (kg)
SPP-RCC-050E	Rubber Conduit Cleaner	46	50 Electrical	0.35
SPP-RCC-063E		58	63 Electrical	0.40
SPP-RCC-080		85	80	0.95
SPP-RCC-100		105	100	1.50
SPP-RCC-125		130	125	2.35
SPP-RCC-150		155	150	2.90
SPP-RCC-200		205	200	5.05



Rubber Lubricant Spreader - SPP

Part No. Various

- Used to spread Lubricant through conduits or ducts (50 to 200mm)
- Galvanised finish with rubber squeegees

Part No.	Description	Approx Equipment OD (mm)	Suit Conduit Size (mm)	Wt (kg)
SPP-RLS-050E	Rubber Lubricant Spreader	46	50 Electrical	0.15
SPP-RLS-063E		58	63 Electrical	0.20
SPP-RLS-080		85	80	0.45
SPP-RLS-100		105	100	0.60
SPP-RLS-125		130	125	0.75
SPP-RLS-150		155	150	0.95
SPP-RLS-200		205	200	1.30



Cable stands and Reel Rollers

Drum Jack Stands - Scissor - SPP



Part No. SPP-DJ-Series

Features

- Collapsible design for easy transport and storage
- Bolt-down points for secure and permanent fixing
- Can be set-up on uneven ground, as drum can be leveled with by adjusting one side
- Nylon wheels and handle for easy maneuverability
- Significant reduced pinch points
- Reinforced retaining cup and sealed bearing for threaded spindle
- Jacks labeled with ratings
- Easy wind up design with handle or hex head for fast winding with rattle gun
- Powder-coated finish
- Supplied with two spindles
 1. Jack joining spindle for rigidity during operation
 2. Drum spindle and placement collars to hold drum during operation



4T Jack shown
Part No. SPP-DJ-4T



Wheels and handle for easy maneuverability



Bolt-down points for secure and permanent fixing



Easy wind design with handle and hex head for a faster winding action with rattle gun



Jack shown folded for transport

Ordering Information

Drum Jack	Spindle OD (mm)	Max Drum Diameter (mm)	Max Drum Width (mm)	WLL (kg)	Suitable for	Wt per Set (kg)
SPP-DJ-2T	60-76	1800	1180	2000	1 to 2T Drums	90
SPP-DJ-4T	60-76	2400	1180	4000	3 to 4T Drums	180



PVC Conduit/Pipe Specification Chart

Nominal Conduit Size (mm)	Conduit Type	Conduit OD (mm)	Conduit Wall Thickness (min)	Conduit ID (min)
16	16mm MD Power	16.00	1.75	12.50
20	20mm HD Power	20.00	2.45	15.10
20	20mm NBN Comms	26.75	1.70	23.35
25	25mm HD Power	25.00	2.65	19.70
25	25mm Comms (Austel)	25.00	1.85	21.30
32	32mm HD Power	32.00	2.85	26.50
32	32mm Comms (Austel)	32.00	2.30	27.00
40	40mm HD Power	40.00	3.25	33.50
50	50mm HD Power	50.00	3.65	42.70
63	63mm HD Power	63.00	4.20	54.60
63	63mm (Iplex Coil Ref)	63.30	5.00	55.30
80	80mm HD Power	80.00	4.95	89.00
100	100mm HD Power	114.2	6.30	100.0
100	100mm NBN Comms	114.2	5.50	104.0
125	125mm HD Power	140.0	7.65	125.0
150	150mm HD Power	160.0	8.80	143.0
200	200mm HD Power	225.0	9.20	200.0

Fractions - Decimal - mm Conversion Chart

Fractions	Decimal	Millimetres	Fractions	Decimal	Millimetres	Fractions	Decimal	Millimetres
1/64	0.0156	0.3969	11/32	0.3438	8.7313	43/64	0.6719	17.0656
1/32	0.0313	0.7938	23/64	0.3594	9.1281	11/16	0.6875	17.4625
3/64	0.0469	1.1906	3/8	0.3750	9.5250	45/64	0.7031	17.8594
1/16	0.0625	1.5875	25/64	0.3906	9.9219	23/32	0.7188	18.2563
5/64	0.0781	1.9844	13/32	0.4063	10.3188	47/64	0.7344	18.6531
3/32	0.0938	2.3813	27/64	0.4219	10.7156	3/4	0.7500	19.0500
7/64	0.1094	2.7781	7/16	0.4375	11.1125	49/64	0.7656	19.4469
1/8	0.1250	3.1750	29/64	0.4531	11.5094	25/32	0.7813	19.8438
9/64	0.1406	3.5719	15/32	0.4688	11.9063	51/64	0.7969	20.2406
5/32	0.1563	3.9688	31/64	0.4844	12.3031	13/16	0.8125	20.6375
11/64	0.1719	4.3656	1/2	0.5000	12.7000	53/64	0.8281	21.0344
3/16	0.1875	4.7625	33/64	0.5156	13.0969	27/32	0.8438	21.4313
13/64	0.2031	5.1594	17/32	0.5313	13.4938	55/64	0.8594	21.8281
7/32	0.2188	5.5563	35/64	0.5469	13.8906	7/8	0.8750	22.2250
15/64	0.2344	5.9531	9/16	0.5625	14.2875	57/64	0.8906	22.6219
1/4	0.2500	6.3500	37/64	0.5781	14.6844	29/32	0.9063	23.0188
17/64	0.2656	6.7469	19/32	0.5938	15.0813	59/64	0.9219	23.4156
9/32	0.2813	7.1438	39/64	0.6094	15.4781	15/16	0.9375	23.8125
19/64	0.2969	7.5406	5/8	0.6250	15.8750	61/64	0.9531	24.2094
5/16	0.3125	7.9375	41/64	0.6406	16.2719	31/32	0.9688	24.6063
21/64	0.3281	8.3344	21/32	0.6563	16.6688	63/64	0.9844	25.0031
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