

Drip System Utilities

Accessories



Application tools



Connectors



Fittings



PE pipes



Introduction to Application tools

Netafim™ – world's leading drip irrigation company – provides its customers with the necessary tools for improved product use efficiency.

With the vast knowledge accumulated in the global markets, the familiarity with end users specific requirements and the multi-area experience acquired by the globally spread Netafim™ teams, Netafim™ developed and is ready to market a variety of application tools and auxiliaries designed to simplify the performance and improve the efficiency of drip irrigation systems.

Catalog numbering for easy identification references the machinery appearing in the manual. Naturally, a catalog number for machine and components means a pre defined, fixed distance between the different parts comprising the unit.

We could not illustrate here all possible options. The following product families cover the majority of customers' requirements. Therefore, selecting the closest machinery model meeting the functional requirement to be performed will do for ordering process. Written specifications for additions / modifications required will be attached to the order and the Netafim™ technicians will ensure an appropriate catalog number is opened to optimally meet customer requirement.

Burying machinery

The burying/injection machines enable any grower to install dripperlines in a cost effective and efficient manner. The features incorporated in this tool ensure that dripperline injecting/burying procedure is done accurately.

The use of wear resistant materials guarantees the integrity of the injected dripperline.

It is possible to add to the machinery coil carriers, enabling the user to mount an integral burying system on one toolbar.

A special plastic guide located on the injection shank will eliminate problems associated with twisted and/or kinked dripperlines

Layout machinery

Layout machines are designed to perform thin, medium, and thick-walled dripperline installation in a proper, speedy and safe manner.

Multi optional mounting of layout units on toolbar frames enables Netafim™ to offer its customers a wide variety of products and modular units according to grower specific requirements: different injection depths, number of injection units to suit crop requirements, auxiliary tools as worker seat, storage device for spare dripperline coils, layout device for carton plastic and metal reels, etc.

Retrieving machinery

The features incorporated into this machine's design ensure that dripperlines' retrieval for re-use and/or disposal will be performed quickly and properly.

The following auxiliary tools can be mounted on the machinery to optimize procedures: brush, arranger, and pulling device ensuring the constant maximal pulling force permitted for exertion on the dripperlines (different diams and wall thickness types require different maximal pulling force). Instructions are available with the nearest Netafim™ technical service team.

Water evacuator

Retrieving dripperlines for the head of the row with long run lengths can be difficult. The water remaining in a 400 m length of large diam dripperline can add up to a lot of weight. This extra weight can complicate this operation.

The water evacuator helps farmers to squeeze water out of the dripperline prior to retrieval.

The air pump used in this device is designed to supply very high air volume at relatively low pressure thus supplying sufficient air to blow water out without causing any damage to the dripperlines.

Extraction machine


This machine was designed for the growers who wish to re-use subsurface applied dripperlines.


The units can be used as single or multiple units mounted on a bar. System's controls matches extraction speed to tractor speed and controls pulling tension.


The pneumatic pulling tires gently squeeze all water out of the dripperline and lay it down on the surface to await head retrieval.


Accessories


Available are a wide variety of mountable, utility accessories for the machines, also purchasable as spare parts for replacement of worn parts. The accessories can also assist in the assembly of integrated machines and/ or use for individual functions in various periods along the season.

		Burying machine
Catalog. No.	77200-001270	
Product description	Burying machine, shallow injection, 2 injection shanks, carton or plastic coils Suitable only for injection on potatoes bed (or similar crops) Distance between shanks is adjustable: 0.70 to 0.90 m	
Main frame	2 bars	
Hitch	Three points	
Wheel type	2 pneumatic, adjustable depth wheels	
Injection unit	2	
Layout device	2 triple unit for Ø 560 mm coils	
Injection shank height	Shallow injection up to 15 cm	
Special accessories	Covering legs model 1187	
Designed for	Shallow subsurface installation of thin-walled dripperlines (up to maximum 15 cm) Potatoes, vegetables crops	
Tractor required	Over 70 HP - Front-Wheel Drive Category II-III	
Dimensions (HxLxW) mm	1800 x 2000 x 1900	
Weight	650 Kg	


		Burying machine
Catalog. No.	77200-001275	
Product description	Burying machine, shallow injection, 3 injection shanks per bed, with roller, carton or plastic coils Maximum bed wide: 1.96 m Minimum distance between injection shanks: 0.30 m	
Main frame	2 bars	
Hitch	Three points	
Wheel type	2 pneumatic, adjustable depth wheels	
Injection unit	2	
Layout device	3 single unit for Ø 560 mm reel	
Injection shank height	Shallow injection up to 15 cm	
Special accessories	2 smooth roller assemblies	
Designed for	Shallow subsurface installation of thin-walled dripperlines (up to maximum 15 cm.) Vegetables, leaf crops, herb crops	
Tractor required	Over 70 HP - Front-Wheel Drive Category II-III	
Dimensions (HxLxW) mm	1400 x 2800 x 1800	
Weight	720 Kg	


		Burying machine
Catalog. No.	77200-001283	
Product description	Burying machine, mid-depth injection, 2 injection shanks, bundled coils Distance between shanks is adjustable: 0.60 to 2.80 m	
Main frame	1 bar	
Hitch	Three points	
Wheel type	2 pneumatic, adjustable depth wheels	
Injection unit	2	
Layout device	2 single unit for bundled coils	
Injection shank height	Mid depth injection, 30 cm	
Special accessories	Drum with collapsible core.	
Designed for	Up to 30 cm depth subsurface installation of thick-walled dripperlines Orchards, deciduous crops	
Tractor required	Over 70 HP - Front-Wheel Drive Category II-III	
Dimensions (HxLxW) mm	2200 x 500 x 3000	
Weight	500 Kg	


		Burying machine
Catalog. No.	77200-001286	
Product description	Burying machine, deep injection, 1 injection shanks, bundled coils	
Main frame	1 bar	
Hitch	Three points	
Wheel type	2 pneumatic, adjustable depth wheels	
Injection unit	1	
Layout device	single unit for bundled coils	
Injection shank height	For deep injection, 50cm	
Special accessories	Drum with collapsible core	
Designed for	Up to 50 cm depth subsurface installation of thick-walled dripperlines Orchard, deciduous, tree crops	
Tractor required	Over 70 HP - Front-Wheel Drive Category II-III	
Dimensions (HxLxW) mm	2200 x 500 x 3000	
Weight	400 Kg	


		Burying machine
Catalog. No.	77200-001287	
Product description	Burying machine, deep injection, 3 injection shanks, bundled coils Distance between shanks is adjustable: 0.60 to 1.4 m	
Main frame	2 bar	
Hitch	Three points	
Wheel type	2 pneumatic, adjustable depth wheels	
Injection unit	3	
Layout device	3 single unit for bundled coils	
Injection shank height	For deep injection, 50cm	
Special accessories	Drum with collapsible core; 1 standing unit; 2 storage devices for bundled coils	
Designed for	Up to 50 cm depth subsurface installation of thick-walled dripperlines Cotton, maize, row crops	
Tractor required	Over 90HP - Front-Wheel Drive Category II-III	
Dimensions (HxLxW) mm	2400 x 2000 x 3500	
Weight	950 Kg	


		Burying machine
Catalog. No.	77200-001280	
Product description	Burying machine, deep injection, 3 injection shanks, tube diams up to 35 mm carton or plastic coils Distance between shanks is adjustable: 0.40 to 2.50 m	
Main frame	2 bars	
Hitch	Three points	
Wheel type	2 pneumatic, adjustable depth wheels	
Injection unit	3	
Layout device	3 single unit for Ø 560 mm reel	
Injection shank height	For deep injection, 50 cm	
Special accessories	2 parking legs, 2 standing unit	
Designed for	Up to 50 cm depth subsurface installation of thin-walled dripperlines up to 35 mm diam Cotton, maize, row crops	
Tractor required	Over 90HP - Front-Wheel Drive Category II-III	
Dimensions (HxLxW) mm	1200 x 2000 x 5500	
Weight	1400 Kg	


		Burying machine
Catalog. No.	77200-001285	
Product description	Burying machine, deep injection, 2 injection shank, carton or plastic coils Distance between shanks: 2.0 m	
Main frame	2 bars	
Hitch	Three points	
Wheel type	2 pneumatic, adjustable depth wheels	
Injection unit	2	
Layout device	2 triple unit for Ø560mm coils	
Injection shank height	For deep injection, 50 cm	
Special accessories	2 marking units RHS 60x60 and 4 furrower legs with pressure springs	
Designed for	Up to 50 cm depth subsurface installation of thin-walled dripperlines Sugar cane	
Tractor required	Over 90HP - Front-Wheel Drive Category II-III	
Dimensions (HxLxW) mm	2500 x 3000 x 3200	
Weight	950 Kg	


		Burying machine
Catalog. No.	77200-001288	
Product description	Burying machine, mid-depth injection, 1 injection shanks, bundled coils	
Main frame	1 bar	
Hitch	Three points	
Wheel type	2 pneumatic, adjustable depth wheels	
Injection unit	1	
Layout device	1 single unit for bundled coils	
Injection shank height	Mid depth injection, 30 cm	
Special accessories	Drum with collapsible core. Cover legs.	
Designed for	Up to 30 cm depth subsurface installation of thick-walled dripperlines orchards, deciduous crops	
Tractor required	Over 70 HP – Front wheel drive Category II-III	
Dimensions (HxLxW) mm	2200x500x2300	
Weight	400 kg	


Catalog. No.	77200-001150	<h2>Layout machine</h2> 
Product description	Layout machine for Polynet pipe 8" - 10" & 12"	
Main frame	1 bar	
Hitch	Three points	
Layout device	1	
Wheel type	2 Pneumatic adjustable depth wheels	
Operation System	Hydraulic 15-26.5 l/h	
Special accessories	18" furrower device	
Designed for	Layout Polynet flexible pipes	
Tractor required	70-90HP - Front-Wheel Drive Category II-III	
Dimensions (HxLxW) mm	1194 x 2288 x 2125	
Weight	600 Kg	


Catalog. No.	77200-001400	<h2>Layout machine</h2> 
Product description	Layout machine, 3 layout units, large metal spool Distance between shanks is adjustable: 1.80 to 1.96 m	
Main frame	1 bar	
Hitch	Three points	
Layout device	3	
Operation system	Hydraulic: 15-26.5 l/h	
Special accessories	Operator seat stand	
Designed for	Layout of 3-large mainly thick-walled dripperline reels. Cotton, maize, row crops	
Tractor required	70-90 HP Category II-III	
Dimensions (HxLxW) mm	11000 x 1500 x 5700	
Weight	900 Kg	


<h2>Tractor bar for PolyNet XF™ layout</h2>	
Catalog. No.	77200-001160
Product description	Tractor bar
	


Catalog. No.	77200-001120	<h2 style="margin: 0;">Retrieving machine</h2> 
Product description	Retrieving-Arranger machine with brush assembly, 1 retrieving unit, large metal spool	
Main frame	-	
Hitch	Three points	
Retrieving device	1	
Arranger device	Assembled on machine	
Pulling device	-	
Operation system	Hydraulic: 15-26.5 l/h	
Special accessories	Set of brushes Fitted for recycling retrieving adapter to be ordered separately (cat. number: 77200-001685)	
Designed for	Coiling of large mainly thin-walled dripperline reels with dripperlines evenly arranged on the reel. Includes brushes for cleaning the outer side of the pipe during coiling	
Tractor required	70-90HP Category II-III	
Dimensions (HxLxW) mm	1500 x 1500 x 1700	
Weight	320 Kg	


Catalog. No.	77200-001000	<h2 style="margin: 0;">Retrieving machine</h2> 
Product description	Wheelbarrow retrieving machine, 1 retrieving unit, carton or plastic coils	
Main frame	-	
Hitch	-	
Retrieving device	-	
Arranger device	-	
Pulling device	-	
Operation system	Manually	
Special accessories	Fitted for recycling retrieving adapter to be ordered separately (cat. number: 77200-001690)	
Designed for	Coiling of thin-walled dripperline carton or plastic coils	
Tractor required	Manual	
Dimensions (HxLxW) mm	1000 x 500 x 500	
Weight	35 Kg	

Catalog. No.	77200-001565	<h2 style="margin: 0;">Retrieving machine</h2> 
Product description	Retrieving machine, 1 retrieving unit, bundled coils	
Main frame	-	
Hitch	Three points	
Retrieving device	1	
Arranger device	-	
Pulling device	-	
Operation system	Hydraulic: 15-26.5 l/h.	
Special accessories	Collapsible core	
Designed for	Coiling of thick-walled dripperlines bundled coils	
Tractor required	40-90HP Category I-II	
Dimensions (HxLxW) mm	1515 x 950 x 1300	
Weight	200 Kg	


Catalog. No.	77200-001560	<h2 style="margin: 0;">Retrieving machine</h2> 
Product description	Retrieving-Arranger machine, 1 retrieving unit, bundled coils	
Main frame	-	
Hitch	Three points	
Retrieving device	1	
Arranger device	1	
Pulling device	-	
Operation system	Hydraulic: 15-26.5 l/h	
Special accessories	Collapsible core	
Designed for	Coiling of thick-walled dripperlines bundled coils	
Tractor required	40-90HP Category I-II	
Dimensions (HxLxW) mm	1515 x 950 x 1300	
Weight	250 Kg	


Catalog. No.	77200-001550	<h2 style="margin: 0;">Retrieving machine</h2> 
Product description	Retrieving-Arranger machine with brush assembly, 1 retrieving unit, carton or plastic coils	
Main frame	-	
Hitch	Three points	
Retrieving device	1	
Arranger device	1	
Pulling device	-	
Operation system	Hydraulic: 15-26.5 l/h	
Special accessories	Fitted for recycling retrieving adapter to be ordered separately (cat. number : 77200-001692)	
Designed for	Coiling of thin-walled dripperline carton or plastic coils, evenly arranged on the reel Includes brushes for cleaning the outer side of the pipe during coiling	
Tractor required	40-90HP Category I-II	
Dimensions (HxLxW) mm	1000 x 700 x 1450	
Weight	100 Kg	


Catalog. No.	77200-001200	<h2 style="margin: 0;">Retrieving machine</h2> 
Product description	Retrieving-Pulling-Arranger machine, 1 retrieving unit, large metal spool	
Main frame	-	
Hitch	Three points	
Retrieving device	1	
Arranger device	1	
Pulling device	1	
Operation system	Hydraulic: 15-26.5 l/h.	
Special accessories	Fitted for recycling retrieving adapter to be ordered separately (cat. number : 77200-001685)	
Designed for	Coiling of large mainly thick-walled dripperline reels with dripperlines being retrieved under maximum pressure (25 kg.) and evenly arranged on the reel	
Tractor required	70HP Category II - III	
Dimensions (HxLxW) mm	1800 x 1500 x 1700	
Weight	350 Kg	


		Retrieving machine
Catalog. No.	77200-001500	
Product description	Retrieving machine, 1 retrieving unit, large metal spool	
Main frame	-	
Hitch	Three points	
Retrieving device	1	
Arranger device	-	
Pulling device	-	
Operation system	Hydraulic: 15-26.5 l/h.	
Special accessories	Fitted for recycling retrieving adapter to be ordered separately (cat. number : 77200-001685)	
Designed for	Coiling of large mainly thick-walled dripperline reels	
Tractor required	70-90HP Category II - III	
Dimensions (HxLxW) mm	700 x 1020 x 860	
Weight	200 Kg	


		Retrieving machine
Catalog. No.	77200-001555	
Product description	Retrieving – arranger machine with brush assembly, 560 mm. carton or plastic coils, 1 retrieving unit, adapted to retrieving also at the end of the dripperline service cycle	
Hitch	Three points	
Retrieving device	1	
Arranger device	1	
Pulling device	-	
Operation system	Hydraulic 15 – 26.5 L/H	
Special accessories	Include recycling retrieving accessories Cat. No# 77200-001692	
Designed for	Coiling of thin and medium walled dripperlines on carton or plastic coils, evenly arranged on the coil, includes brushes for cleaning the outer side of the pipe during coiling. Fitted to retrieving between crop seasons and at the end of the dripperline service cycle.	
Tractor required	70-90 HP / Category II-III	
Dimensions (HxLxW) mm	1450 x 700 x 1000	
Weight	100 Kg	


Catalog. No.	77200-001205	<h2 style="margin: 0;">Retrieving machine</h2> 
Product description	Retrieving-Pulling –Arranger machine, 1 retrieving unit, large metal spool (2.2 m), adapted to retrieving also at the end of the dripperline service cycle.	
Hitch	Three points	
Retrieving device	1	
Arranger device	1	
Pulling device	1	
Operation system	Hydraulic 15 – 26.5 L/H	
Special accessories	Include recycling retrieving accessories Cat. No# 77200-001685	
Designed for	Coiling of thick walled dripperlines on large metal spool , evenly arranged on the coil. Fitted to retrieving between crop seasons and at the end of the dripperline service cycle.	
Tractor required	70-90 HP / Category II-III	
Dimensions (HxLxW) mm	1500 x 1500 x 1700	
Weight	320 Kg	


Catalog. No.	77200-001210	<h2 style="margin: 0;">Retrieving machine</h2> 
Product description	Retrieving – Arranger machine, 1 retrieving unit, large metal spool (2.2 m), adapted to retrieving also at the end of the dripperline service cycle.	
Hitch	Three points	
Retrieving device	1	
Arranger device	1	
Pulling device	1	
Operation system	Hydraulic 15 – 26.5 L/H	
Special accessories	Include recycling retrieving accessories Cat. No# 77200-001685	
Designed for	Coiling of thick walled dripperlines on large metal spool , evenly arranged on the coil. Fitted to retrieving between crop seasons and at the end of the dripperline service cycle.	
Tractor required	70-90 HP / Category II-III	
Dimensions (HxLxW) mm	1500 x 1500 x 1700	
Weight	320 Kg	


Catalog. No.	77200-001100	Combined machine 
Product description	Layout-Retrieving-Pulling-Arranger machine, 1 retrieving unit, large metal spool	
Main frame	-	
Hitch	Three points	
Layout device	1	
Retrieving device	1	
Arranger device	1	
Pulling device	1	
Operation system	Hydraulic: 15-26.5 l/h.	
Special accessories	Fitted for recycling retrieving adapter to be ordered separately (cat. number : 77200-001685)	
Designed for	Layout and /or retrieving of large mainly thick-walled dripperline reels with dripperlines being retrieved under maximum pressure (25 kg.) and evenly arranged on the reel	
Tractor required	70-90HP Category II-III	
Dimensions (HxLxW) mm	1800 x 1700 x 1500	
Weight	550 Kg	


Catalog. No.	77200-001250	Combined machine 
Product description	Extraction-Retrieving combined machine, 800 mm distance between 2 extraction and retrieving units, carton or plastic coils	
Main frame	2 bars	
Hitch	Three points	
Retrieving device	2	
Operation system	Hydraulic: 15-26.5 l/h.	
Special accessories	Extraction-retrieving-arranger for Ø 560mm drum. Fitted for recycling retrieving adapter to be ordered separately (cat. number : 77200-001690)	
Designed for	Extraction and coiling of thin-walled dripperlines carton or plastic coils, evenly arranged on the reel, includes brushes for cleaning the outer side of the pipe during coiling Potato, vegetable crops	
Tractor required	Over 80HP Category II-III	
Dimensions (HxLxW) mm	1285 x 2953 x 1880	
Weight	650 Kg	

Catalog. No.	77200-001300	<h2>Combined machine</h2> 
Product description	Layout - retrieving machine, 1 retrieving unit, large metal spool	
Main frame	-	
Hitch	Three points	
Layout device	1	
Retrieving device	1	
Arranger device	-	
Pulling device	-	
Operation system	Hydraulic: 15-26.5 l/h.	
Special accessories	Fitted for recycling retrieving adapter to be ordered separately (cat. number : 77200-001685)	
Designed for	Layout and/or retrieving of large mainly thick-walled dripperline reels	
Tractor required	70-90HP Category II-III	
Dimensions (HxLxW) mm	1150 x 1700 x 1500	
Weight	400 Kg	

Catalog. No.	77200-001680	<h2>Water evacuator</h2> 
Product description	Water evacuator for 9 dripperlines	
Main frame	-	
Hitch	Three points	
Operation system	Compressor P.T.O. drive-shaft: 540 RPM 1 3/4" Z6	
Special accessories	Compressor assembly for air evacuation 9 tube, 7m-long rubber pipes Tube container box Drive-Shaft	
Designed for	Emptying water from dripperlines at the end of last irrigation cycle before retrieval	
Tractor required	70-90HP Category I-II	
Dimensions (HxLxW) mm	1162 x 1568 x 1078	
Weight	400 Kg	


Catalog. No.	77200-001670	<h2 style="margin: 0;">Water evacuator</h2> 
Product description	Water evacuator for 6 dripperlines	
Main frame	-	
Hitch	Three points	
Operation system	Compressor P.T.O. drive-shaft: 540 RPM 1 3/4" Z6	
Special accessories	Compressor assembly for air evacuation 6 tube, 7m-long rubber pipes Pipe container box Drive-Shaft	
Designed for	Emptying water from dripperlines at the end of last irrigation cycle before retrieval	
Tractor required	70-90HP Category I-II	
Dimensions (HxLxW) mm	1162 x 1568 x 1078	
Weight	400 Kg	


Catalog. No.	77200-001290	<h2 style="margin: 0;">Extraction machine</h2> 
Product description	Extraction machine, 800 mm distance between 4 extraction units	
Main frame	2 bars	
Hitch	Three points	
Operation system	Hydraulic: 15-26.5 l/h.	
Special accessories	4 release units, 800 mm distance between them	
Designed for	Extraction of thin/thick -walled subsurface dripperlines	
Tractor required	70-90HP Category II-III	
Dimensions (HxLxW) mm	1600 x 4000 x 1200	
Weight	330 Kg	


Catalog. No.	77200-001240	<h2 style="margin: 0;">Special device</h2> 
Product description	Subsurface dripperlines releaser, 2 release units	
Main frame	3 bars	
Hitch	Three points	
Special accessories	2 release units	
Designed for	Releasing dripperlines from medium and/or deep subsurface installation before retrieval	
Tractor required	90HP - Front-Wheel Drive Category II-III	
Dimensions (HxLxW) mm	1200 x 1695 x 2000	
Weight	400 Kg	


Catalog. No.	77200-001265	<h2 style="margin: 0;">Burying machine turf</h2> 
Product description	Burying machine, shallow injection, 1 injection shanks, bundled coils	
Main frame	1 bar	
Hitch	Three points	
Wheel type	-	
Injection unit	1	
Layout device	single unit for bundled coils	
Injection shank height	Shallow injection, 15-25 cm	
Special accessories	Drum with collapsible core, double cutting plate, pneumatic depth wheel	
Designed for	Shallow subsurface installation of thick-walled dripperlines (up to 15-25 cm.) Existing lawn	
Tractor required	60HP+ - Front-Wheel Drive Category I-II	
Dimensions (HxLxW) mm	1500 x 1600 x 2150	
Weight	300 Kg	


Catalog. No.	77200-001262	<h2 style="margin: 0;">Burying machine turf</h2> 
Product description	Manual, self-propelled injection/burying machine for medium/ large lawn areas.	
Main frame	-	
Hitch	-	
Wheel type	-	
Injection unit	1	
Layout device	single unit for bundled coils	
Injection shank height	Shallow injection, up to 12 cm	
Special accessories		
Designed for	Shallow subsurface installation of thick-walled dripperlines up to 12 cm. Existing lawn	
Tractor required	Self-propelled	
Dimensions (HxLxW) mm	1220 x 1140 x 760	
Weight	193 Kg	


Catalog. No.	45000-001600	Punches 
Product	Punch 16 - 20 mm OD	
Product description	<p>This model provides the easiest means of holding PE pipes for fitting drippers and/or accessories</p> <p>The hole is always in the center of the pipe and there is no danger of cutting through to the other side of the pipe.</p> <p>Absolutely safe to use – the blade retracts fully after use to protect the worker.</p> <p>When used with larger pipes, the slide adapter is easily removed and stored in the place provided for it.</p>	
Hole	3 mm diam	


Catalog. No.	45000-001620	Punches 
Product	Punch 25-32 mm OD	
Product description	<p>This model provides the easiest means of holding PE pipes for fitting drippers and/or accessories</p> <p>The hole is always in the center of the pipe and there is no danger of cutting through to the other side of the pipe.</p> <p>Absolutely safe to use – the blade retracts fully after use to protect the worker.</p> <p>When used with larger pipes, the slide adapter is easily removed and stored in the place provided for it.</p>	
Hole	3 mm diam	


Catalog. No.	45000-001630	Punches 
Product	Multi diam punch	
Product description	<p>The spiral penetration of the blade into the pipe facilitates the operation, thus thousands of holes can be punched in a short time. By turning the button at the base of the tool, the size can be adjusted between 12mm to 32mm to accommodate the desired pipe.</p>	
Hole	3 mm diam	


Catalog. No.	45000-001100	Punches 
Product	Mini punch	
Product description	A small punch suitable for private garden owners	
Hole	3 mm diam	


Catalog. No.	45000-001200	Punches 
Product	Plastic punch	
Product description	A reliable and strong plastic punch designed with a comfortable grip handle Extra feature – a specially designed insertion adapter can be mounted onto this tool.	
Hole	3 mm diam	


Catalog. No.	45000-001000	Punches 
Product	Metal punch	
Product description	A reliable and strong metal punch	
Hole	3 mm diam	


Catalog. No.	45000-002260	Insertion connectors 
Product	Insertion connector	
Product description	<p>A tool for inserting connector components into micro tubes .</p> <p>The ideal solution for inserting connector components, drippers or start connectors into 3*5 mm. micro tube .</p> <p>This tool is suitable for greenhouse and nursery installations, gardeners, garden owners, garden contractors and agriculturalists</p> <p>By turning the drum the correct hole for the connector can be aligned with the groove in the grips, the piping and connector are placed in position and by a swift squeeze of the handle the connector is pushed firmly into the piping.</p>	
Suitable for	3*5 mm. micro tube	


Catalog. No.	45000-001380	Dripper insertion tool 
Product	PCJ dripper insertion tool	
Product description	<p>Auxiliary tool designed for insertion of PCJ drippers into distributor pipes with different diams in one act (no punching is required).</p> <p>There is no need for punching prior to insertion.</p> <p>Easy to operate and allows continuous work and multiple installations without blade replacement.</p> <p>The product is designed mainly to help farmer and/or installer with the installation of multiple drippers in greenhouses and/ or orchards.</p>	
Suitable for	Any distributor pipe diam (16-20-25-32mm).	


Catalog. No.	45000-001370	Multi-functional tool 
Product	Multi-functional tool	
Product description	<p>The tool is small and compact, comfortable and easy to use, efficient, time saving and safe to operate.</p> <p>Punches 3 mm and 4 mm holes, cuts piping from 5 mm to 20 mm to required length, inserts drippers and sprinklers, inserts spaghetti piping with connector into the main pipe, inserts connector components and woodpecker plugs, and easily holds start connectors for inserting into a pipe.</p>	
Hole	3 and 4 mm. diam (include 2 blades)	


Catalog. No.	45000-001560	Cutter
Product	17 mm cutter	
Product description	This is a small efficient tool with a special geometrically constructed cutting blade that significantly facilitates the holing of the layflat hose. The tool is light weight, compact and strong, and easy to hold in the palm of the hand. The waste plastic does not fall into the hose and is discharged from the tool.	
Suitable for	Layflat hose.	


Catalog. No.	45000-003290	Secure tool
Product	Hexagonal secure tool 3/8"	
Product description	Hexagonal secure tool for layflat start connectors designed for 16-17mm dripperlines	
Suitable for	Layflat start connectors	

Catalog. No.	45000-003280	Secure tool
Product	Hexagonal secure tool 1/2"	
Product description	Hexagonal secure tool 1/2" for layflat start connectors connectors designed for 20-22 mm dripperlines .	
Suitable for	Layflat start connectors	

Catalog. No.	45000-003260	Tightener
Product	Tightener tool	
Product description	A special tool to tighten the connector against the hexagonal tool will enable the installer to exert greater force while closing and thus assemble the layflat start connector properly.	
Suitable for	Layflat start connectors	

Catalog. No.	45000-001570	Cutter 
Product	20 mm cutter	
Product description	This is a small efficient tool with a special geometrically constructed cutting blade that significantly facilitates the holing of the PolyNet XF hose. The tool is light weight, compact and strong, and easy to hold in the palm of the hand. The waste plastic does not fall into the hose and is discharged from the tool.	
Suitable for	PolyNet XF	

Catalog. No.	45000-003280	Hexagonal fastener 
Product	Hexagonal fastener tool 1/2"	
Product description	Hexagonal fastener tool 1/2" for PolyNet XF start connectors.	
Suitable for	PolyNet XF start connectors	

Catalog. No.	45000-001670	Tightener 
Product	Tightener tool	
Product description	A special tool to tighten the connector against the hexagonal tool will enable the installer to exert greater force while closing and thus assemble the PolyNet XF start connector properly.	
Suitable for	PolyNet XF start connectors.	