# > TOOLS & RENTAL FOR POLYETHYLENE PIPE SYSTEMS



millpro.com.hk





# Contents

<u>Electrofusion</u>	4
Butt Fusion	10
Pipe Cutting	16





## **ECTROFUSION**

Mill-Pro sells and rents a wide range of world leading equipment for preparing, cleaning, fusing and testing PE pipes and fittings joined by Electrofusion.

All Mill-Pro Equipment complies with the requirements given by the WSD & DSD Particular Specifications PS Appendices in Hong Kong

The quality of an electrofusion joint is determined by three main factors:

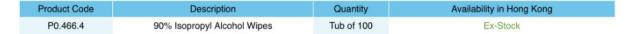
- 1. Quality of the pipe and electrofusion fittings The pipes dimensional tolerance in both circumference and ovality are critical to achieving a reliable joint and the design of the EF fitting it self. The length of the fusion and cold zones, the couplers dimensional accuracy, the wire embedment and consistency are essential to achieve accurate temperatures during heating. 100% of Mill-Pro products comply or exceed the WSD & DSD minimum requirements set out in WSD PS Appendix 22.09 & DSD Appendix 5A. In larger pipes (>DN400) ovality is controlled mechanically with re-rounding clamps, these can also be found in this section.
- 2. **Preparation and cleanness** Preparation of the pipes end by cutting square, prep of the fusion surface using mechanical peelers and cleaning using only Isopropyl alcohol wipes are all required in the WSD installation PS appendix PS 22. These three aspects are essential to complete successful joints and the necessary equipment can be found in this electrofusion welding tools section.
- 3. Electrofusion machine Features EF Machines vary considerably in price. The long term performance of a fusion joint requires the heating elements to be heated and held at the precise temperatures for the exact duration. Due to high ambient temperatures in Hong Kong, temperature compensation is necessary to offset the ambient temperature. The Friamat machines measure the ambient temp and reduce or extend the fusion time accordingly to ensure a perfect weld. In addition a requirement of the WSD & DSD appendices is pre heating on couplers >DN250. Pre heating is not fusion, it is the warming of the pipe and joint together to help remove inherent ovality and close the fusion gap before fusion actually begins. Pre heating is controlled by bar code on each fitting.



Product specifications and dimensions are subject to change without notice. For the latest information refer to our website: <a href="www.millpro.com.hk">www.millpro.com.hk</a> or contact our <a href="sales team">sales team</a>.

#### **Alcohol Wipes**

Alcohol wipes contain 100 sheets of a non-woven single use cloth, pre-impregnated with a solution of 90% isopropyl alcohol and 10% water and are used for removing contamination on pipe spigots and inside electrofusion couplers prior to electrofusion.





### **Spigot Peeling**

Manually operated rotary peeling tools designed specifically for the removal of the outer surface of PE pipe spigots prior to electrofusion welding. Peelers incorporate a replaceable cutting insert peel approximately 0.2 - 0.4mm per peel from the spigot surface.

Long peelers allow for the full width of the coupler to be peeled on one of the spigot ends. This allows the interference fit between the pipe and coupler to peeled away, so the coupler can be slid back flush with one pipe end and allow another pipe or fitting to be inserted. This is necessary where the existing pipe ends are fixed such as in a repair situation or when inserting the final fitting to connect to installed pipes.

Product Code	Description	Outside Diameter	Availability in Hong Kong
P9.621.020063	Friatool Mechanical Peeler FWSG 63	20-63mm	Ex-Stock
P9.620.063315	PrepMaster Mechanical Peeler	63-315mm	Ex-Stock
P9.620.090400	PrepMaster Mechanical Peeler	90-400mm	8-12 Weeks
P9.620.110500	PrepMaster Mechanical Peeler	110-500mm	8-12 Weeks
P9.620.250710	PrepMaster Mechanical Peeler	250-710mm	8-12 Weeks
P9.622.250710	Friatool Mechanical Long Peeler FWSG 710L	225-710mm	8-12 Weeks
P9.621.630900	Friatool Mechanical Peeler FWSG 900	630-900mm	8-12 Weeks
P9.621.8001200	Friatool Mechanical Peeler FWSG XL	800-1200mm	8-12 Weeks



#### **Welding Machines**

Mill-Pro supplies Friamat Prime electrofusion units for the welding of all Friatec electrofusion products up to 900 OD and the high power 400v Friamat XL for larger fittings. Robust and lightweight machines complete with barcode scanner, data logging, clear display for easy operator guidance, Chinese language selection, temperature compensation, manual emergency entry and extra-long power and fusion cables.

Product Code	Description	Availability in Hong Kong
P9.710	Friamat Prime Electrofusion Machine c/w scanner	Ex-Stock
P9.711	Friamat XL Electrofusion Machine c/w scanner	8-12 Weeks
P9.715	Friamat Barcode Scanner (spare)	8-12 Weeks
P9.720	Friamat 4.0mm Electrofusion Contacts (spare)	8-12 Weeks
P9.721	Friamat 4.7mm Electrofusion Adapters (spare)	8-12 Weeks



#### Accessories

A variety of essential accessories required for electrofusion jointing on site.

Product Code	Description	Size / Qty / OD	Availability in Hong Kong
P9.701.5	Marker Pens (Silver)	10 pcs/box	Ex-Stock
P9.594.090250	End Protection Bag (kit) S - 40 bags + 1 roll of tape	90-250mm	Ex-Stock
P9.594.250400	End Protection Bag (kit) M - 25 bags + 1 roll of tape	250-400mm	Ex-Stock
P9.594.450500	End Protection Bag (kit) L - 18 bags + 1 roll of tape	450-500mm	Ex-Stock
P9.594.560710	End Protection Bag (kit) XL - 12 bags + 1 roll of tape	560-710mm	Ex-Stock
P9.590.630	Circumference Tape - Plastic Non-Calibrated Mill-Pro	630mm	Ex-Stock
P9.592.630	Circumference Tape - Metal Calibrated	630mm	Ex-Stock
P9.700.100	Friatool Maintenance spray PSFP	100ml	Ex-Stock





Maintenance Spray

## Pipe Re-rounding

Manual clamps are designed for use on pipe and fabricated fittings prior to electrofusion where ovality is present either due to manufacture or storage. They are designed to ensure the pipe is circular to allow it to be successfully inserted it into the coupler.

Product Code	Description	Outside Diameter	Availability in Hong Kong
P9.640.225	Re-rounding - Split Collar Type	225mm	8-12 Weeks
P9.640.255	Re-rounding - Split Collar Type	255mm	8-12 Weeks
P9.641.315	Re-rounding – Segmented Collar Type with Ratchet	315mm	8-12 Weeks
P9.646.315280	Reducing Shells (2 pieces) for part: P9.641.315	315-280mm	8-12 Weeks
P9.641.400	Re-rounding - Segmented Collar Type with Ratchet	400mm	8-12 Weeks
P9.646.400315	Reducing Shells (2 pieces) for part: P9.641.400	400-315mm	8-12 Weeks
P9.646.400355	Reducing Shells (2 pieces) for part: P9.641.400	400-355mm	8-12 Weeks
P9.641.355	Re-rounding - Segmented Collar Type with Ratchet	355mm	8-12 Weeks





Segmented Collar Type

Split Collar Type

## Pipe Re-rounding - Hydraulic

Hydraulic clamps are design for use on larger pipes where manual force is insufficient to re-round the pipe or fabricated fitting before electrofusion. Clamps come complete with built in hydraulic pump and can be varied by addition of reducing shells.

Product Code	Description	Outside Diameter	Availability in Hong Kong
P9.642.400	Hydraulic Re-rounding Clamp + pump	400mm	8-12 Weeks
P9.645.400355	Reducing Shells (3 pieces) for part: P9.642.400	400-355mm	8-12 Weeks
P9.645.400315	Reducing Shells (3 pieces) for part: P9.642.400	400-315mm	8-12 Weeks
P9.642.500	Hydraulic Re-rounding Clamp + pump	500mm	8-12 Weeks
P9.645.500450	Reducing Shells (3 pieces) for part: P9.642.500	500-450mm	8-12 Weeks
P9.645.500400	Reducing Shells (3 pieces) for part: P9.642.500	500-400mm	8-12 Weeks
P9.642.630	Hydraulic Re-rounding Clamp + pump	630mm	8-12 Weeks
P9.645.630560	Reducing Shells (3 pieces) for part: P9.642.630	630-560mm	8-12 Weeks
P9.645.630500	Reducing Shells (3 pieces) for part: P9.642.630	630-500mm	8-12 Weeks
P9.642.710	Hydraulic Re-rounding Clamp + pump	710mm	8-12 Weeks
P9.645.400355	Reducing Shells (3 pieces) for part: P9.642.710	710-630mm	8-12 Weeks
P9.642.800	Friatool Hydraulic Re-rounding Clamp + pump FWXRH	800mm	8-12 Weeks
P9.642.900	Friatool Hydraulic Re-rounding Clamp + pump FWXRH	900mm	8-12 Weeks



#### Pipe Re-rounding and Insertion Clamps – Hydraulic

A combined pair of hydraulic re-rounding clamps with a lateral insertion hydraulic ram. These clamps are designed to re-round both pipes ends and hydraulically insert the round pipes into the coupler between the clamps and hold it in position during welding. In larger pipe sizes (≥ 400 OD) where the risk of a poor weld becomes exponentially expensive due to the high cost of couplers and replacement, this clamp arrangement significantly reduces installation risk.

Product Code	Description	Outside Diameter	Availability in Hong Kong
P9.643.400	Re-round & Hydraulic Positioning Kit + 2 x pump	400mm	8-12 Weeks
P9.643.500	Re-round & Hydraulic Positioning Kit + 2 x pump	500mm	8-12 Weeks
P9.643.630	Re-round & Hydraulic Positioning Kit + 2 x pump	630mm	8-12 Weeks
P9.643.710	Re-round & Hydraulic Positioning Kit + 2 x pump	710mm	8-12 Weeks



#### Saddle Peeling

A range of tools for the preparation of pipe surfaces for saddle connections. These mechanical peelers provide the uniform removal of surface material to prepare the PE pipe for the welding of side fusion off takes or EF saddles. Peelers incorporate a replaceable cutting insert peel approximately 0.2 -0.4mm per peel from the pipe surface.

Product Code	Description	Outside Diameter	Availability in Hong Kong
P9.623.110	Friatool Mechanical saddle scraper FWSG SE 110	110mm	Ex-Stock
P9.623.160	Friatool Mechanical saddle scraper FWSG SE 160	160mm	Ex-Stock
P9.623.250	Friatool Mechanical saddle scraper FWSG SE 250	250mm	Ex-Stock
P9.623.280	Friatool Mechanical saddle scraper FWSG SE 280 (280 OD)	280mm	Ex-Stock
P9.624.004	Friatool Replacement Blade kit FWSGE 4 (spare)	800mm	Ex-Stock
P9.624.005	Friatool Replacement Blade kit FWSGE 5 (spare)	900mm	Ex-Stock
P9.624.008	Friatool Replacement Blade kit FWSGE 8 (spare)	400-355mm	Ex-Stock
P9.624.012	Friatool Replacement Blade kit FWSGE 12 (spare)	400-315mm	Ex-Stock







Hyram Blades

## Saddle Clamping & Drilling

Equipment for the fusing, drilling and testing of saddles when using the FRIALEN XL Friafit off take saddle fittings and repair patches.

Product Code	Description	Outside Diameter	Availability in Hong Kong
P9.702	Friatool Vacuset XL - Vacuum Clamping Unit		8-12 Weeks
P9.703.250	Friatool Pressko plunger for vacuset SA-XL	250mm	8-12 Weeks
P9.704.250	Friatool Drilling Equipment FWAB XL	250mm	8-12 Weeks
P9.705	Friatool Clamping & Drilling Unit for ASA-TL/KG FWFIT		8-12 Weeks
P9.706	Friatool Clamping Unit for ASA saddles ASATOP		8-12 Weeks











Manual Scrapers

Robust and easy to use hand tools for manual scraping of PE pipe prior to electrofusion where mechanical peelers cannot be used.

Product Code	Description	Size	Availability in Hong Kong
P9.613.038	Hand Scraper Blade (spare)	38mm	Ex-Stock
P9.613.065	Hand Scraper Blade (spare)	65mm	Ex-Stock
P9.610.038	Hand Scraper	38mm	Ex-Stock
P9.610.065	Hand Scraper - Wide	65mm	Ex-Stock
P9.611.3	Hand Profuse Scraper - Plastic		Ex-Stock







Profuse Scraper

Mill-Pro Tools & Rental | 9



# **Butt Fusion**

Mill-Pro sells and rents a wide range of world leading equipment for preparing, Cleaning, fusing, De-beading and testing PE pipes and fittings joined by Butt Fusion.

Mill-Pro Butt fusion Equipment that complies with the requirements given by the WSD & DSD Particular Specifications are indicated with the logos.

The quality of a Butt Fusion joint is determined by three main factors:

- 1. Quality of the pipe The pipes dimensional tolerance in both circumference and ovality are critical to achieving a reliable joint, ovality is normally overcome by the welding clamps, but wall thickness tolerance is critical to achieving an even cross sectional area.
- 2. **Preparation and cleanness** Preparation of the pipes end by facing with the welding machine and the cleaning of the facing tool using only Isopropyl alcohol wipes are essential to complete successful joints.
- 3. Butt Fusion machine Butt Fusion Machines vary considerably in price. The long term performance of a fusion joint requires the heating plate to heat the entire pipe end accurately and evenly all over with precise temperatures. The fusion process of holding the pipe ends together with the exact amount of pressure for both the fusion and cooling time without any hydraulic leakage is extremely important to achieving weld reliability. Mill-Pro sells fully automatic welding machines the remove any possibility of operator error on welding and cooling times and pressures, leaving pipe cleanliness the only critical operation for the operator to manage.



Product specifications and dimensions are subject to change without notice. For the latest information refer to our website: www.millpro.com.hk or contact our sales team.



This mark is used to identify Mill-Pro products that meet the requirements of the Water Supplies Department PS Appendix 22.09. The use of this mark is not endorsed by the WSD and is not intended to infer approval by the WSD.



This mark is used to identify Mill-Pro products that meet the requirements of the Drainage Supplies Department PS Appendix 22.09. The use of this mark is not endorsed by the DSD and is not intended to infer approval by the DSD.

#### **External Debeaders**

External debeading tools are used to remove the external weld bead that is formed by the butt fusion process. The tool taps onto the pipe bead, then alignment blocks slide against the pipe surface to guide the Debeader knife around the pipe. The blade cuts the bead flush with the surface, but does not undercut or damage the surface of the pipe. Undercutting and excessive material removal can create stress cracking.

Product Code	Description	Outside Diameter	Availability in Hong Kong
P9.630.125	External Debeader	to 125mm	8-12 Weeks
P9.630.400	External Debeader	to 400mm	8-12 Weeks
P9.630.500	External Debeader	to 500mm	8-12 Weeks
P9.630.900	External Debeader	to 900mm	8-12 Weeks
P9.634.125	External Debeader - Blade (spare)	to 125mm	8-12 Weeks
P9.634.400	External Debeader - Blade (spare)	to 400mm	8-12 Weeks
P9.634.500	External Debeader - Blade (spare)	to 500mm	8-12 Weeks
P9.634.900	External Debeader - Blade (spare)	to 900mm	8-12 Weeks



#### Internal Debeaders

Internal debeading tools are used to remove the internal weld bead in PE pipes that are formed by the butt fusion process. The tool is manually powered with a drive handle, constructed from stainless steel and aluminium. Five different sized cutter heads cover pipe outside diameters from 90 - 450mm. The drive rods are available separately and the system allows a maximum insertion depth of 24 metres between welds.

Product Code	Description	Outside Diameter	Inside Diameter	Availability in Hong Kong
P9.600.090450	Compete Set (all components 13m)	090-450mm	070-420mm	8-12 Weeks
P9.601.090110	Cutter Head assembly + 2 Supports (no rods)	090-110mm	070-105mm	8-12 Weeks
P9.601.125160	Cutter Head assembly + 2 Supports (no rods)	125-160mm	105-145mm	8-12 Weeks
P9.601.160200	Cutter Head assembly + 2 Supports (no rods)	160-200mm	123-190mm	8-12 Weeks
P9.601.225280	Cutter Head assembly + 2 Supports (no rods)	225-280mm	178-266mm	8-12 Weeks
P9.601.315450	Cutter Head assembly + 2 Supports (no rods)	315-450mm	265-420mm	8-12 Weeks
P9.602.3	Rod Set, Couplers + Drive Handle 13m (spare)	-	-	8-12 Weeks
P9.603.3	2m Rod including joints (up to 24m max) (spare)	-	-	8-12 Weeks
P9.604.125200	Cutting blades (spare)	125-200mm	-	8-12 Weeks
P9.604.225450	Cutting blades (spare)	225-450mm	S=	8-12 Weeks



#### Worldpoly 315 Fully Automatic

Fully automatic hydraulically operated butt welding machines, completely remove operator input. They create high levels of butt weld consistency. A fully Automatic machine only requires the operator to install, clamp and clean and ream the pipe ends.

'Fully Automatic' specifically means that once the pipe dimensions and welding standard are selected, the machine calculates the correct temperature, soak and fusion pressure, inserts and removes the heating plate automatically and fuses the pipe ends together, without any input required by the operator.

If any input physical or otherwise is required on the machine other than the pipe dimensions and welding standard, then the machine is not fully automatic.

These machines comply to the requirements of the WSD & DSD. Definitions of fully automatic can be found in WIS 4-32-08 issue 4 and ISO 21307. Fully Automatic machines include data logging equipment to EN 12176.

Product Code	Description	Outside Diameter	Availability in Hong Kong
P9.691.110315	WP315 - Fully Automatic Butt Welder	110-315mm	8-12 Weeks
P09.672.315	Seal Kit	-	8-12 Weeks
P09-675.315	Bolts for Layer Clamps	-	8-12 Weeks
P09.687.315	Blades for Facing Tool	-	8-12 Weeks







#### Polyforce 630 Fully Automatic

Fully automatic hydraulically operated butt welding machines, completely remove operator input. They create high levels of butt weld consistency. A fully Automatic machine only requires the operator to install, clamp and clean and ream the pipe ends.

'Fully Automatic' specifically means that once the pipe dimensions and welding standard are selected, the machine calculates the correct temperature, soak and fusion pressure, inserts and removes the heating plate automatically and fuses the pipe ends together, without any input required by the operator.

If any input physical or otherwise is required on the machine other than the pipe dimensions and welding standard, then the machine is not fully automatic.

These machines comply to the requirements of the WSD & DSD. Definitions of fully automatic can be found in WIS 4-32-08 issue 4 and ISO 21307. Fully Automatic machines include data logging equipment to EN 12176.

Product Code	Description	Outside Diameter	Availability in Hong Kong
P9.692.315630	PF630 - Fully Automatic Butt Welder	315-630mm	8-12 Weeks
P09.673.630	Seal Kit	_	8-12 Weeks
P09-676.630	Bolts for Layer Clamps	-	8-12 Weeks
P09.688.630	Blades for Facing Tool	-	8-12 Weeks







#### Polyweld Semi Automatic machines

Semi automatic butt welding machines, require operator input to set the temperatures & pressures and to insert and remove the heating element.

These machines are significantly cheaper than a fully automatic machine, but require skilled operators that have experience in butt welding to achieve consistent welds.

'Semi Automatic' means that the heat soak time, temperature and closing pressures are preset on the machine. When the operator commences the weld cycle, the machine applies these settings to the weld joint.

These machines DO NOT comply to the requirements given in the WSD & DSD PS (WIS 4-32-08 issue 4 and ISO 21307). They do includes data logging equipment complying to EN 12176.

#### Polyweld 500 Semi Automatic

Product Code	Description	Outside Diameter	Availability in Hong Kong
P9.651.250500	WP500 - Semi Automatic Butt Welder	250-500mm	8-12 Weeks
P9.674.500	Seal Kit	-	8-12 Weeks
P9.677.500	Bolts for Layer Clamps	7.0	8-12 Weeks
P9.687.500	Blades for Facing Tool	-	8-12 Weeks



## Polyweld 630 Semi Automatic

Product Code	Description	Outside Diameter	Availability in Hong Kong
P9.651.315630	WP630 - Semi Automatic Butt Welder	315-630mm	8-12 Weeks
P9.674.630	Seal Kit	-	8-12 Weeks
P9.677.630	Bolts for Layer Clamps	-	8-12 Weeks
P9.687.630	Blades for Facing Tool	-	8-12 Weeks



## Polyweld 800 Semi Automatic

Product Code	Description	Outside Diameter	Availability in Hong Kong
P9.651.450800	WP800 - Semi Automatic Butt Welder	450-800mm	8-12 Weeks
P9.674.800	Seal Kit	-	8-12 Weeks
P9.677.800	Bolts for Layer Clamps	-	8-12 Weeks
P9.687.800	Blades for Facing Tool	-	8-12 Weeks



## Polyweld 1000 Semi Automatic

Product Code	Description	Outside Diameter	Availability in Hong Kong
P9.651.5001000	WP1000 - Semi Automatic Butt Welder	500-1000mm	8-12 Weeks
P9.674.1000	Seal Kit	-	8-12 Weeks
P9.677.1000	Bolts for Layer Clamps	-	8-12 Weeks
P9.687.1000	Blades for Facing Tool	-	8-12 Weeks



## Polyweld 1200 Semi Automatic

Product Code	Description	Outside Diameter	Availability in Hong Kong
P9.651.6301200	WP1200 - Semi Automatic Butt Welder	630-1200mm	8-12 Weeks
P9.674.1200	Seal Kit	-	8-12 Weeks
P9.677.1200	Bolts for Layer Clamps	-	8-12 Weeks
P9.687.1200	Blades for Facing Tool	-	8-12 Weeks



# Polyweld 1600 Semi Automatic

Product Code	Description	Outside Diameter	Availability in Hong Kong
P9.651.9001600	WP1600 - Semi Automatic Butt Welder	900-1600mm	8-12 Weeks
P9.674.1600	Seal Kit	-	8-12 Weeks
P9.677.1600	Bolts for Layer Clamps	-	8-12 Weeks
P9.687.1600	Blades for Facing Tool	-	8-12 Weeks



# Polyweld 2000 Semi Automatic

Product Code	Description	Outside Diameter	Availability in Hong Kong
P9.651.14002000	WP2000 - Semi Automatic Butt Welder	1400-2000mm	8-12 Weeks
P9.674.2000	Seal Kit	-	8-12 Weeks
P9.677.2000	Bolts for Layer Clamps	-	8-12 Weeks
P9.687.2000	Blades for Facing Tool	-	8-12 Weeks



#### Pipe Cutting



# Pipe Cutting

PE pipes can be cut using various mechanical equipment. Generally the best method is to cut PE in larger sizes (≤ 63mm OD) using sawing equipment with a rotating toothed blade.

The problem with using skill saws and other equipment not specifically designed for cutting pipes is the issue of end square. Its hard to cut a pipe square, and end out of square cause gaps in Electrofusion couplers.

Generally in pipe sizes up to 355 are best cut using a rotary saw such as the one below, these are designed to meet the end square requirements of WSD & DSD specifications

Alternately if traditional methods are used such as a skill saw, then careful marking and cutting is required.



Product specifications and dimensions are subject to change without notice. For the latest information refer to our website: www.millpro.com.hk or contact our sales team.

#### **Electric Cutters**

Powerful saws for swift cutting.

Product Code	Description	Size / OD	Availability in Hong Kong
P9.680.430	DeWalt Reciprocating PE saw 430mm 240v 430mm		8-12 Weeks
P9.685.430	DeWalt Alligator blade to suit 430mm PE Saw (spare)		8-12 Weeks
P9.681.160355	Rothenberger 230v pipe cutter (max SDR 11)	160-355mm	Ex-Stock
P9.686.160355	Rothenberger pipe cutter blades (spare)		Ex-Stock



#### **Guillotine Cutters**

The guillotines achieve a straight, square cut with minimal blade wear. Blades are easy to sharpen or replace.

The sizes given below are the maximum OD and SDR the cutter can cut, smaller sizes and lower SDRs can also be cut.

For example: a 315 max SDR 13.6 Cutter can cut 315 OD SDR 17, 21, 26 pipes etc.

Product Code	Description	Max Pipe OD	Availability in Hong Kong
P9.660.225	Guillotine Cutter - Virax Type (max SDR 13.6)	225mm	Ex-Stock
P9.660.315	Guillotine Cutter - Virax Type (max SDR 17)	315mm	Ex-Stock
P9.660.125	Guillotine Cutter - Virax Type (max SDR 11)	125mm	Ex-Stock
P9.670.225	Guillotine Cutter Blade - Virax Type (spare)	225mm	Ex-Stock
P9.670.315	Guillotine Cutter Blade - Virax Type (spare)	315mm	Ex-Stock
P9.670.125	Guillotine Cutter Blade - Virax Type (spare)	125mm	Ex-Stock



## **Hand Cutters**

We offer a range hand-operated cutting tools for cutting a wide range of smaller diameter PE pipe.

Product Code	Description	Outer Diameter	Availability in Hong Kong
P9.661.025063	PE Wheel Cutter - quick release	25-63mm	Ex-Stock
P9.661.050125	PE Wheel Cutter - quick release	50-125mm	Ex-Stock
P9.661.110160	PE Wheel Cutter - quick release	110-60mm	Ex-Stock
P9.671.063	PE Cutter Wheel (spare)	63mm	Ex-Stock
P9.671.125	PE Cutter Wheel (spare)	125mm	Ex-Stock
P9.671.160	PE Cutter Wheel (spare)	160mm	Ex-Stock
P9.662.063	PE Cutter Secateurs	63mm	Ex-Stock





## millpro.com.hk



#### HONG KONG

info@millpro.com.hk

phone +852 2543 6200

office Room 2102, 21/F Tai Yip Building, 141 Thomson Road, Wan Chai, **HK SAR** 

#### **NEW ZEALAND**

info@millpro.co.nz

phone +64 6 836 7919

post PO Box 7014 Taradale, Napier 4141

