



Precision
Agriculture



Agro- Machinery

2025 v1.2

/ Product Catalog



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About Netafim

Netafim, Orbia's Precision Agriculture business, is the world's largest irrigation company and the global leader in precision agriculture solutions committed to fight scarcity of food, water and land, for a sustainable future.

Founded in 1965, Netafim pioneered the drip revolution, creating a paradigm shift toward precision irrigation. Today, specializing in end-to-end solutions from the water source to the root zone, Netafim delivers irrigation and greenhouse projects, as well as landscape and mining solutions supported by engineering, project management and financing services. Netafim is also leading the way in digital farming, integrating real-time monitoring, analysis and automated control into one state-of-the-art system.

With 33 subsidiaries, 19 manufacturing plants, 2 recycling plants and 5000 employees worldwide, Netafim delivers innovative, tailor-made irrigation and fertigation solutions to millions of farmers, allowing smallholders to large-scale agricultural producers, in over 110 countries, to grow more with less™.

See how Netafim's solutions are driving sustainable agriculture and a food secure future at www.netafim.com

About Orbia

Orbia is a company driven by a shared purpose: to advance life around the world. Orbia operates in the Polymer Solutions (Vestolit and Alphagary), Building and Infrastructure (Wavin), Precision Agriculture (Netafim), Connectivity Solutions (Dura-Line) and Fluorinated Solutions (Koura) sectors.

The five Orbia business groups have a collective focus on expanding access to health and wellness, reinventing the future of cities and homes, ensuring food and water security, connecting communities to information and accelerating a circular economy with basic and advanced materials, specialty products and innovative solutions. Orbia has commercial activities in more than 110 countries and operations in over 50, with global headquarters in Boston, Mexico City, Amsterdam and Tel Aviv.

To learn more, visit: www.orbia.com

Introduction

Netafim™ is the global leader in irrigation solutions, and as a solution provider we strive to help growers achieve greater efficiencies, reduction in costs and labor, and improvements in sustainability through agro-machinery equipment that reduces or replaces labor-intensive field practices with highly efficient mechanized solutions. Netafim has developed a diverse range of application tools and accessories designed to simplify and streamline the use of drip irrigation systems:

1. Installation Machinery
2. Retrieval Machinery
3. Extraction Machinery
4. Accessories & Spare Parts

→ Product Identification

This new catalog reveals our portfolio by showcasing specific product models , but more configurations and customization is possible and common! If you need a different configuration, please contact your local Netafim representative.

The product families in this catalog cover most of our customers' requirements. To make an order, simply select the machinery model that best meets the function you require.

You may find more than one possible option existing for the same application due to geographic and use requirements. Differences between products may include country of manufacture/ item location, estimated capacity per day, warranty, etc.

To ensure the best match for your need, please use the specifications forms and forward it to Netafim™ representative.

Special Order Form

To order a machine that suits your specific needs, please complete the form below and send it to your local Netafim™ representative. [Click here to fill in form or scan the QR code in the bottom](#)

Description



Agronomy

Crop:

Country:

Soil type: (silt, clay, sand, heavy / light, rocky):

Tillage type: (open field / beds / orchards / other - specify):

Bed width (in cm):

Number of driplines per bed:

Dripline spacing (in cm):

Machinery

Required action:

(Insertion* / laying / extraction / retrieval for reuse / retrieval for recycling)

* For insertion - required insertion depth (in cm):

Type of driplines (thin / medium / heavy wall driplines):

Dripline diameter (in mm):

Dripline wall thickness (in mm/mil):

Applying tractor horsepower:

Number of applying units required:

General

Required supply date:

Other information:



Scan to fill the order form

General Advice & Disclaimer



ATTENTION

- Safety: For machines mounted to a vehicle, minimum 2 workers are required for every operation in the field (including the driver).
- The lead time of Agro-machines order may be long (months). Machines may be made to order. Consider it when planning a purchase
- Driving the tractor must be done according to the field conditions. As a rule of thumb driving speed greater than 7 km/h is not recommended.
- Use the machinery according to the manufacturer instructions.
- Irrigation design: It is advised to consider the size of the tractor and mounted Agro-machinery in the field hydraulic design.
- In a new project- it is advised to include the labor derived from the Agro-machinery operations as part of the system solution assessment.
- Original spare parts are available. Netafim can't be responsible for the performance of its dripline that was handled with local built machines or parts.
- Availability and prices may vary depending on geography and manufacturer, design and stock.

On-Line tools

- You can find details and links about Netafim's Agro-machinery portfolio in <https://www.netafim.com/en/agro-machinery/>
- You can find instructions videos in Netafim's YouTube channel here: https://www.youtube.com/playlist?list=PLxYNUYTt-k0BrL_ECEm0j4EOuPlqXaGpP



Drip irrigation machinery fundamentals

Driplines are divided into three sub-categories covering different uses or applications. Heavy Wall Driplines (HWD), Medium Wall Driplines (MWD) and Thin Wall Driplines (TWD).

- HWD are driplines with wall thickness of 0.9mm or more, and designed to service life of more than 10 season
- MWD are driplines with wall thickness of 0.5mm up to 0.89mm (inclusive) - 4-9 seasons
- TWD are include driplines with wall thickness of 0.45mm (inclusive) or thinner - 1-3 seasons

Reel (Drum, coil, Roll)

The packing of driplines.

- HWD are packed in coils or metal drums.
- TWD/MWD will be packed on reels/rolls



HWD-Drum



HWD-Coil



TWD/MWD-Roll

"Agro-Machinery"

Is a general term for implements and machines working in agricultural field for various tasks. Netafim uses this term to identify implements that handle driplines: Installation, Extraction and Retrieval



Installation

The process of unwinding the driplines rolls and spreading them in/on the soil. Installation can be done in various depths, starting from on surface laying to shallow burial (1-5 cm deep), mid depth (5-15cm) and deep burial (15-40 cm). Deep burial of driplines is known as "Subsurface Drip Irrigation" or SDI .



Extraction

(AKA Lifting), The process of pulling the driplines out of the soil or crop fresh/dry canopy. It is a single-action that leaves the driplines lays straight on top of the soil/crop/residues, ready to be retrieved. Extraction machines are designed to extract driplines from sub surface installation or through lodged crop cover for reuse or recycling. There are multiple types of machines according to the field condition and dripline insertion depth.



Retrieval

AKA Coiling or Winding- The process of coiling the driplines either from the field's border or while driving over the row. The features incorporated in our range of retrieval machines ensure dripline retrieval for reuse and/or recycling is performed quickly and properly across a variety of field conditions and requirements.

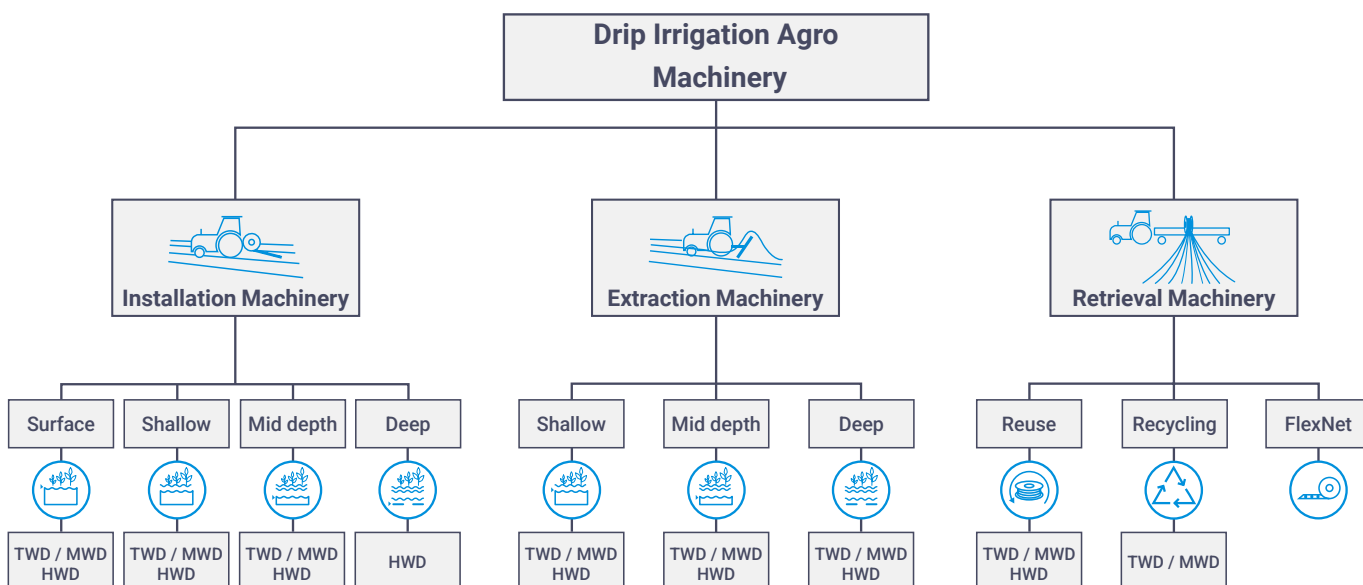
Installation

Laying machinery

Laying machines are designed to perform on surface installation of thin, medium and heavy wall driplines in a proper, speedy and safe manner. Multi optional mounting of laying units on toolbar frames enables Netafim™ to offer a wide variety of products and modular units according to the grower's specific requirements. Also available are auxiliary tools such as operator platform, storage device for spare dripline coils, markers, cover legs and more

Sub surface insertion (SDI) machinery

SDI machines enable any grower to install driplines in a cost effective, efficient manner and ensure that the dripline insertion procedure is done accurately. A custom designed guide on the insertion shank will eliminate malfunction caused by twisted or kinked driplines. A wide variety of machines are available for thin, medium and heavy wall driplines in open fields, row crops, orchards, sugarcane and many other options.



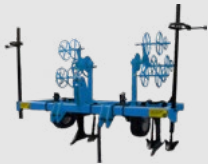
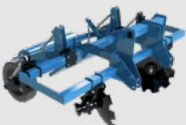
INSTALLATION MACHINERY



On Surface

Catalog Number	Application	Dripline Type	Shanks	Tractor HP	Manpower	packing
 77200-000224	 Open field/ Orchards	HWD	3	75		Coil
 77200-001125	 Open field/ Orchards	HWD	2	75		Drum
 77200-001400 Product Page →	 Open field	HWD	3	110		Drum
 77200-000066 Product Page →	 Open field	TWD/MWD	3	120		Roll
 77200-001114 Product Page →	 Open field	TWD/MWD	3	75		Roll
 77200-007102 Product Page →	 Open field	TWD/MWD	4	110		Roll
 77200-001288 Product Page →	 Orchards	HWD	1	75		Coil



Catalog Number	Application	Dripline Type	Shanks	Tractor HP	Manpower	packing
 77200-000066 Product Page →	 Open field	TWD/MWD	3	120		Roll
 77200-001259	 Sugar Cane	TWD/MWD	2	110		Roll
 77200-001271	 Sugar Cane	TWD/MWD	1	75		Roll
 77200-007002 Product Page →	 Sugar Cane	TWD/MWD	2	120		Roll
 77200-001114 Product Page →	 Open field	TWD/MWD	3	75		Roll
 77200-001220 Product Page →	 Sugar Cane	TWD/MWD	2	110		Roll
 77200-007102 Product Page →	 Open field	TWD/MWD	4	110		Roll
 77200-000141 Product Page →	 Potatoo	TWD/MWD	6	110		Roll



Shallow

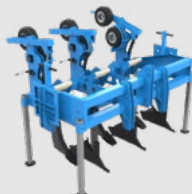
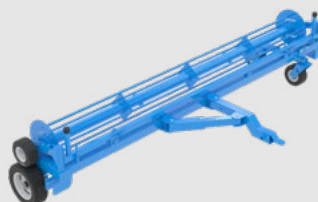
Catalog Number	Application	Dripline Type	Shanks	Tractor HP	Manpower	packing
 77200-001283	 Open field/ Orchards	HWD	2	110		Coil
 77200-001287	 Open field	HWD	3	120		Coil
 77200-001288	 Orchards	HWD	1	75		Coil
Product Page →						



Deep / Mid-depth (SDI)

Catalog Number	Application	Dripline Type	Shanks	Tractor HP	Manpower	packing
 77200-000006 Product Page →	 Open field	TWD/MWD	6	250		Roll
 77200-000112	 Open field/ Orchards	HWD	1	75		Coil
 77200-001286 Product Page →	 Open field/ Orchards	HWD	1	75		Coil
 77200-000140 Product Page →	 Orchards	HWD	1	75		Coil
 77200-000012	 Open field/ Orchards	HWD	2	110		Coil

EXTRACTION MACHINERY

Depth			
Farm Size	 Deep (SDI)	 Shallow	
 Small farm <50 Ha ↑ 50-250 Ha ↓  Big farm >250 Ha	€€ 77200-000143  Product Page →	77200-007122	77200-006560  Product Page →
	€€ 77200-006562  Product Page →	 Product Page →	77200-007105 *  Product Page →
	77200-007106  Product Page →		77200-007104 **  Product Page →

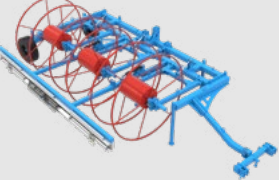
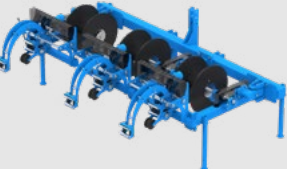
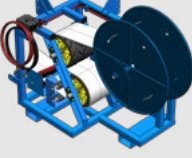
* Special crops

** Width configuration available

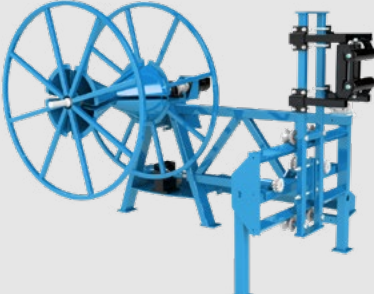
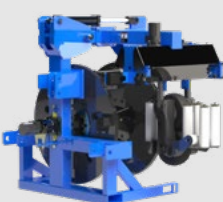
RETRIEVAL MACHINERY



Dripline Wall Thickness

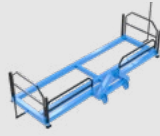
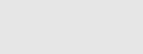
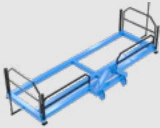
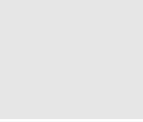
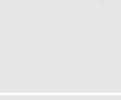
Farm Size	 HWD		 TWD / MWD		 FlexNet™
 Small farm <50 Ha ↑ 50-250 Ha ↓  Big farm >250 Ha	77200-006510  Product Page →	77200-001560  Product Page →	77200-006511  Product Page →	77200-001530  Product Page →	77200-001131  Product Page →
	77200-001200  Product Page →	77200-007108  Product Page →		77200-007120  	
	 77200-006565  	 77200-006564  		77200-006566  Product Page →	

Dripline Wall Thickness

Farm Size	 HWD	 TWD / MWD
 Small farm <50 Ha  Big farm >250 Ha	 77200-000142  Product Page →	77200-006561  Product Page →
	77200-001135  Product Page →	77200-006559  Product Page →
		77200-001198  Product Page →
		77200-000145  Product Page →
		77200-007109  Product Page →
		 77200-006563  Product Page →
		77200-001196 
		77200-007107  Product Page →
		77200-007110 

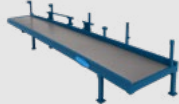
Accessories and spare parts

Netafim™ offers a wide variety of mountable accessories: stand-alone units, add-ons and spare parts. Many mountable accessories can be integrated into existing machines. Also you'll find in this catalog data on complementary accessories - specific machine compatible packaging for reuse.

Dripline type	Add-ons*	Spare parts	Guidance	Frames
TWD/MWD	 77200-001650 Deep insertion shank 100x150mm bar upper mounting TA	 77200-004700 Plow nail for TA shanks	 77200-001740 Roller box with connection bar	 77200-006550 SDI 6m frame
	 77200-007140 Deep insertion shank 150 x150mm bar rear mounting TA	 77200-000010 Pair of pneumatic adjustable dept wheels MOM **	 77200-006250 Roller box for safe shank	 77200-006551 SDI 3m frame
	 77200-000005 Deep insertion shank 150x150mm bar upper mounting HA	 77200-006554 Right pneumatic adjustable depth wheel HA	 77200-001980 Roller box without springs for 22mm pipes	
	 77200-007130 Mid-depth insertion shank 150 x 150mm bar side mounting TA	 77200-006555 Left pneumatic adjustable depth wheel HA		
	 77200-001665 Mid-depth insertion shank 100x150mm bar upper mounting TA	 77200-000460 Right pneumatic adjustable depth wheel TA		
	 77200-006150 Deep insertion safe shank - without roller box	 77200-000470 Left pneumatic adjustable depth wheel TA		
	 77200-006100 Mid-depth insertion safe shank - without roller box	 77200-001323 Pair of pneumatic adjustable depth wheels TA **		
	 77200-006160 Deep insertion safe shank - with roller box			
	 77200-006110 Mid-depth insertion safe shank - with roller box			

* Please contact Netafim's professionals for advice on the best suited solution. More dimensions available upon request

** Define beam size.

Dripline type	Add-ons*	Packaging	Spare parts	Frames
TWD/MWD	77200-001450 TWD / MWD coil holder 150 x 150mm bar TA 	77200-007121 Reusable plastic spool for 7720-007108 	77200-006558 Locking nut for reels holders HER 	77200-000009 Frame for potatoes installation machine 6m 
	77200-001760 TWD / MWD coil holder 100 x 100mm bar TA 	80600-002600 Reusable plastic spools kit for 77200-001530 		77200-000011 Catwalk for potatoes installation machine 6m 
	77200-000008 Potato bed dripline insertion complete unit MOM 			
	77200-000068 Standalone unit for TWD reels MOM 			
	Product Page →			
	77200-007100 Standalone unit for TWD reels AN 			
	77200-000004 Standalone unit for TWD reels HA 			

* Please contact Netafim's professionals for advice on the best suited solution. More dimensions available upon request

** Define beam size.

Dripline type	Add-ons*	Packaging	Spare parts	Frames
HWD	77200-001460 HWD coil holder 150 x 150mm bar 	80600-001210 Metal reel 2.0m for 77200-001200 retrieval machine 		
	77200-007119 HWD coil holder 100 x 100mm bar 			

* Please contact Netafim's professionals for advice on the best suited solution. More dimensions available upon request

** Define beam size.

HWD Three-Wheels Layout Machine

An ideal layout machine for long laterals in open fields featuring three HWD large metal reels.



HWD



Installation



On surface

/ Benefits & Features

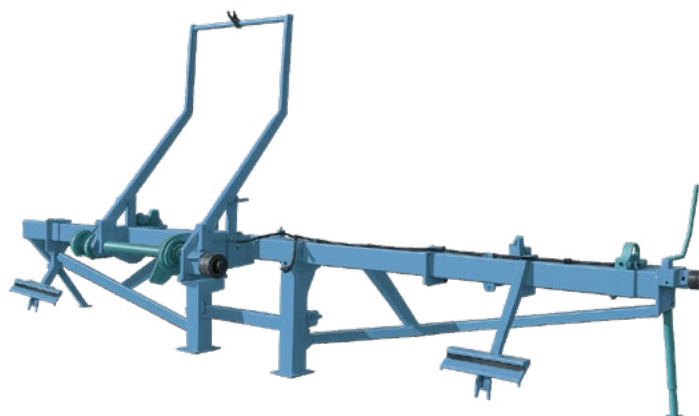
- For laying long HWD laterals on metal reels (2.0m-2.2m) on surface
- Simple and safe to operate
- Easy to maintain
- Heavy-duty design ensures long life under adverse field conditions

→ Specifications

Pipe	HWD
Max. Dripline Diameter (mm)	20
No. of Insertion Units	3
Min. Distance Between Units (meter)	1.50
Max. Distance Between Units (meter)	1.96
Deployment Orientation	180°
Machine Dimensions (L x W x H) (cm)	150 x 570 x 115
Weight (Kg)	900
Catalog No.	77200-001400

→ Tractor Requirements

Min. Horsepower	120
Category	II
Hydraulic Specifications	15-26 lpm
Hitch	3 points
Location of Implement	Rear



Use with metal reels catalog numbers:
80600-001200, 80600-001350

→ Performance & Applications

Field segment	Open field
Estimated Capacity (ha/d)	30
Optional Accessories	Operator seat, folding mechanism

*Tractor requirements and capacity are estimates and may vary according to field condition and other factors.

TWD / MWD Mid-Depth Insertion Machine

This TWD / MWD insertion machine is suitable for all sizes of open field, allowing growers to set up the insertion depth and maintain a high degree of accuracy along the laterals thanks to two pneumatic wheels.



TWD & MWD



Installation



Mid-depth

/ Benefits & Features

- Inserting TWD / MWD driplines
- Simple and safe to operate
- Upgradeable with multiple injection units
- Can be outfitted with components and complementary accessories to optimize accuracy and efficiency
- Heavy-duty design ensures long life under adverse field conditions
- Easy to maintain



→ Specifications

Pipe	TWD / MWD
Max. Dripline Diameter (mm)	22
No. of Insertion Units	3
Min. Insertion Depth (cm)	15
Max. Insertion Depth (cm)	30
Min. Distance Between Units (meter)	0.70
Max. Distance Between Units (meter)	1.50
Deployment Orientation	180°
Bar Dimensions (mm)	150 x 150
Machine Dimensions (L x W x H) (cm)	220 x 350 x 220
Weight (Kg)	1100
Catalog No.	77200-000066

→ Tractor Requirements

Min. Horsepower	120
Category	III
Hitch	3 points
Location of Implement	Rear

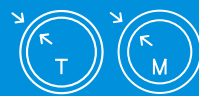
→ Performance & Applications

Field Segment	Open field
Estimated Capacity (ha/d)	10-16
Optional Accessories	Deep insertion shanks, operator platform, coils platform, manual markers, multiple injection units

*Tractor requirements and capacity are estimates and may vary according to field condition and other factors.

TWD / MWD Shallow Insertion Machine for Sugar Cane

A TWD / MWD insertion machine suitable for all sizes of sugar cane fields, allowing you to set up the insertion depth and maintain high accuracy along the laterals, thanks to two pneumatic wheels.



TWD & MWD



Installation



Mid-depth

/ Benefits & Features

- Inserting TWD / MWD driplines
- Simple and safe to operate
- Upgradeable with multiple injection units
- Can be outfitted with components and complementary accessories to optimize accuracy and efficiency
- Easy to maintain
- Heavy-duty design ensures long life under adverse field conditions

→ Specifications

Pipe	TWD / MWD
Max. Dripline Diameter (mm)	22
No. of Insertion Units	2
Max. Insertion Depth (cm)	30
Deployment Orientation	180°
Bar Dimensions (mm)	100*100
Machine Dimensions (L x W x H) (cm)	315 x 300 x 200
Weight (Kg)	900
Catalog No.	77200-007002

→ Tractor Requirements

Min. Horsepower	120
Category	III
Hitch	3 points
Location of Implement	Rear



This machine needs to be ordered together with catalog number: [77200-001220](#)

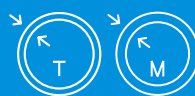
→ Performance & Applications

Field Segment	Sugar cane
Estimated Capacity (ha/d)	-
Optional Accessories	Manual markers, disc furrow, multiple injection units

*Tractor requirements and capacity are estimates and may vary according to field condition and other factors.

TWD / MWD Shallow Insertion Machine

TWD / MWD shallow insertion machine suitable for all sizes of open field that allows you to set up the insertion depth and maintain high accuracy along the lateral on each row separately thanks to its ground following floating units.



TWD & MWD



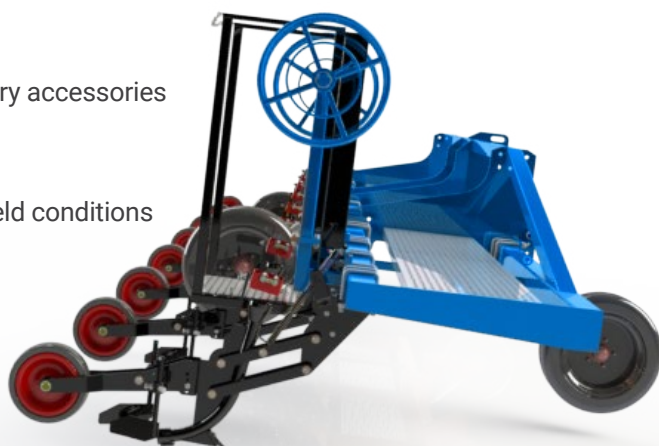
Installation



Shallow

/ Benefits & Features

- Inserting TWD / MWD driplines
- Simple and safe to operate
- Upgradeable with multiple injection units
- Can be outfitted with components and complementary accessories to optimize accuracy and efficiency
- Easy to maintain
- Heavy-duty design ensures long life under adverse field conditions



→ Specifications

Pipe	TWD / MWD
Max. Dripline Diameter (mm)	22
No. of Insertion Units	3
Min. Insertion Depth (cm)	0
Max. Insertion Depth (cm)	10
Min. Distance Between Units (meter)	0.70
Max. Distance Between Units (meter)	1.40
Deployment Orientation	180°
Bar Dimensions (mm)	100 x 100
Machine Dimensions (L x W x H) (cm)	220 x 320 x 180
Weight (Kg)	500
Catalog No.	77200-001114

→ Tractor Requirements

Min. Horsepower	70
Category	II
Hitch	3 points
Location of implement	Rear

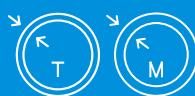
→ Performance & Applications

Field segment	Open field
Estimated Capacity (ha/d)	21
Optional Accessories	Operator platform, coils platform, manual markers, multiple injection units

*Tractor requirements and capacity are estimates and may vary according to field condition and other factors.

Cover Tool for Sugar Cane

A dedicated machine for covering one dual row of newly planted sugar cane seedlings, compressing and smoothing the soil.



TWD & MWD



Installation



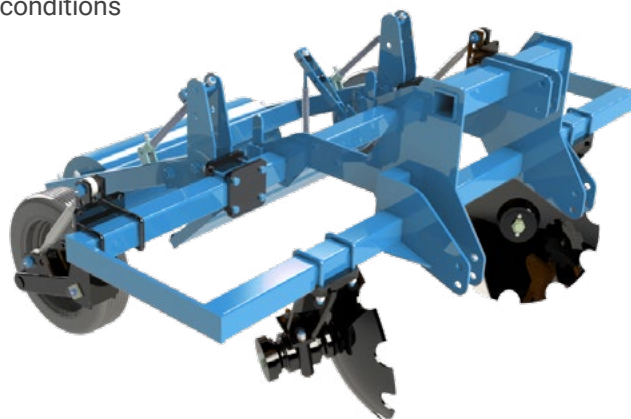
Shallow

/ Benefits & Features

- Compressing and smoothing soil for seedlings
- Highly cost-effective performance
- Simple and easy to use for farmers at all levels of expertise
- Easy to maintain
- Heavy-duty design ensures long life under adverse field conditions

→ Specifications

No. of Units	1
Distance Between Units (meter)	0.45
Machine Dimensions (L x W x H) (cm)	220 x 280 x 133
Weight (Kg)	850
Catalog No.	77200-001220



→ Tractor Requirements

Min. Horsepower	120
Category	III
Hitch	3 points
Location of Implement	Rear

→ Performance & Applications

Field Segment	Sugar cane
Estimated Capacity (Ha/D)	N/A
Optional Accessories	N/A



*Tractor requirements and capacity are estimates and may vary according to field condition and other factors.

TWD / MWD Shallow Insertion Machine - BOSS

A TWD / MWD shallow insertion machine suitable for medium to large open fields. The BOSS insertion machine is fully equipped to maintain high lateral accuracy, delivering reliable high performance for many years.



TWD & MWD



Installation



Shallow

/ Benefits & Features

- Inserting TWD / MWD driplines
- Worker handrails and catwalks for enhanced safety
- Engineered ergonomic design
- BOSS line can be outfitted with components and complementary accessories to optimize accuracy and efficiency
- Easy to maintain
- Heavy-duty design ensures long life under adverse field conditions

→ Specifications

Pipe	TWD / MWD
Max. Dripline Diameter (mm)	22
No. of Insertion Units	4
Min. Insertion Depth (cm)	0
Max. Insertion Depth (cm)	15
Min. Distance Between Units (meter)	0.75
Max. Distance Between Units (meter)	1.00
Deployment Orientation	180°
Machine Dimensions (L x W x H) (cm)	473 x 435 x 219
Weight (Kg)	1,733
Catalog No.	77200-007102



→ Tractor Requirements

Min. Horsepower	80
Category	II-III
Hitch	3 points
Location of Implement	Rear

→ Performance & Applications

Field Segment	Open field
Estimated Capacity (ha/d)	14
Optional Accessories	Multiple injection units

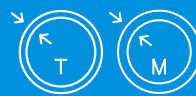


[Link →](#)

*Tractor requirements and capacity are estimates and may vary according to field condition and other factors.

TWD / MWD Shallow Insertion Machine for Potatoes

A TWD / MWD insertion machine suitable for all sizes of potato fields. The machine is equipped with unique ridge plates that install the dripline centered and at an accurate depth, while maintaining the ridge shape.



TWD & MWD



Installation



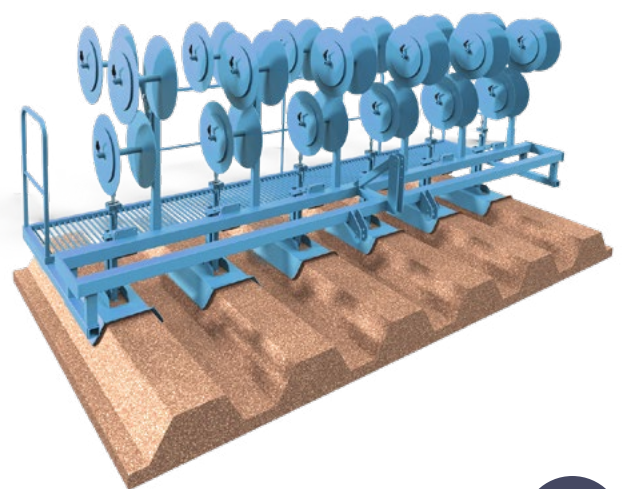
Shallow

/ Benefits & Features

- Inserting TWD / MWD driplines for potatoes
- CE certified
- Ensures highly efficient installation
- Heavy-duty design ensures long life under adverse field conditions

→ Specifications

Pipe	TWD / MWD
Max. Dripline Diameter (mm)	22
No. of Insertion Units	6
Min. Insertion Depth (cm)	0
Max. Insertion Depth (cm)	5
Min. Distance Between Units (meter)	0.70
Max. Distance Between Units (meter)	0.90
Deployment Orientation	180°
Machine Dimensions (L x W x H) (cm)	200 x 555 x 207
Weight (Kg)	1560
Catalog No.	77200-000141



→ Tractor Requirements

Min. Horsepower	100
Category	II
Hitch	3 points
Location of Implement	Rear

→ Performance & Applications

Field Segment	Potatoes
Estimated Capacity (ha/d)	10-15
Optional Accessories	Catwalk for the operator

*Tractor requirements and capacity are estimates and may vary according to field condition and other factors.

HWD Mid-depth Under-Tree Insertion Machine

This HWD insertion machine is suitable for small to medium-sized orchards and vineyards. Allows users to set up the insertion depth and maintain high accuracy along laterals thanks to two pneumatic wheels.



HWD



Installation



Mid-depth

/ Benefits & Features

- Designed for inserting HWD under trees Simple and safe to operate
- Simple and safe to operate
- Easy to maintain
- Heavy-duty design ensures longevity under adverse field conditions

→ Specifications

Pipe	HWD
Max. Dripline Diameter (mm)	20
No. of Insertion Units	1
Min. Insertion Depth (cm)	15
Max. Insertion Depth (cm)	30
Deployment Orientation	90°
Bar Dimensions (mm)	150 x 150
Machine Dimensions (L x W x H) (cm)	50 x 230 x 200
Weight (Kg)	400
Catalog No.	77200-001288



→ Tractor Requirements

Min. Horsepower	70
Category	II
Hitch	3 points
Location of Implement	Rear

→ Performance & Applications

Field Segment	Orchards, vineyards
Estimated Capacity (ha/d)	8
Optional Accessories	Deep insertion shanks, cover lags

*Tractor requirements and capacity are estimates and may vary according to field condition and other factors.

TWD / MWD Mid-Deep Insertion Machine

This TWD / MWD insertion machine is suitable for all sizes of open field, allowing growers to set up the insertion depth and maintain a high degree of accuracy along the laterals thanks to two pneumatic wheels.



TWD & MWD



Installation



Mid-depth

/ Benefits & Features

- Inserting TWD / MWD driplines
- Simple and safe to operate
- Upgradeable with multiple injection units
- Can be outfitted with components and complementary accessories to optimize accuracy and efficiency

→ Specifications

	6 Shanks	5 Shanks	4 Shanks	3 Shanks
Pipe	TWD / MWD			
Max. Dripline Diameter (mm)	22			
No. of Insertion Units	3-6			
Min. Insertion Depth (cm)	10			
Max. Insertion Depth (cm)	50			
Min. Distance Between Units (meter)	0.65			
Max. Distance Between Units (meter)	0.9	1.2	1.5	2.3
Deployment Orientation	180°			
Bar Dimensions (mm)	150 x 150 x 8			
Machine Dimensions (L x W x H) (cm)	150 x 150 x 2000			
Weight (Kg)	1350	1210	1070	930
Min. Horsepower	250	200	150	110
Category	III			
Hitch	3 points			
Location of Implement Rear	Rear			
Catalog No.	77200-000006	TBD	TBD	TBD



→ Performance & Applications

Field Segment	Open field
Estimated Capacity (ha/d)	10-16
Optional Accessories	Deep insertion shanks, operator platform, coils platform, manual markers, multiple injection units

*Tractor requirements and capacity are estimates and may vary according to field condition and other factors.
Picture is for illustration

HWD Deep Insertion Machine

This HWD deep insertion machine is suitable for all sizes of open fields, orchards and vineyards, and allows growers to set up the insertion depth and maintain high accuracy along the lateral thanks to its two pneumatic wheels.



HWD



Installation



Deep

/ Benefits & Features

- Simple and safe to operate
- Upgradeable with multiple injection units and complementary accessories
- Easy to maintain
- Heavy-duty design ensures long life and suitability for adverse field conditions

→ Specifications

Pipe	HWD
Max. Dripline Diameter (mm)	20
No. of Insertion Units	1
Min. Insertion Depth (cm)	15
Max. Insertion Depth (cm)	50
Deployment Orientation	90°
Bar Dimensions (mm)	150 x 150
Machine Dimensions (L x W x H) (cm)	50 x 230 x 220
Weight (Kg)	400
Catalog No.	77200-001286

→ Tractor Requirements

Min. Horsepower	70
Category	II
Hitch	3 points
Location of Implement	Rear



→ Performance & Applications

Field Segment	Open field, orchards, vineyards
Estimated Capacity (ha/d)	5-8
Optional Accessories	Mid-depth insertion shanks, manual markers, multiple injection units

*Tractor requirements and capacity are estimates and may vary according to field condition and other factors.

HWD Deep Under-Tree Insertion Machine

This telescopic HWD insertion machine is suitable for small to medium orchards and vineyards and allows you to set up the insertion depth and maintain high accuracy along laterals thanks to its two pneumatic wheels.



HWD



Installation



Deep

/ Benefits & Features

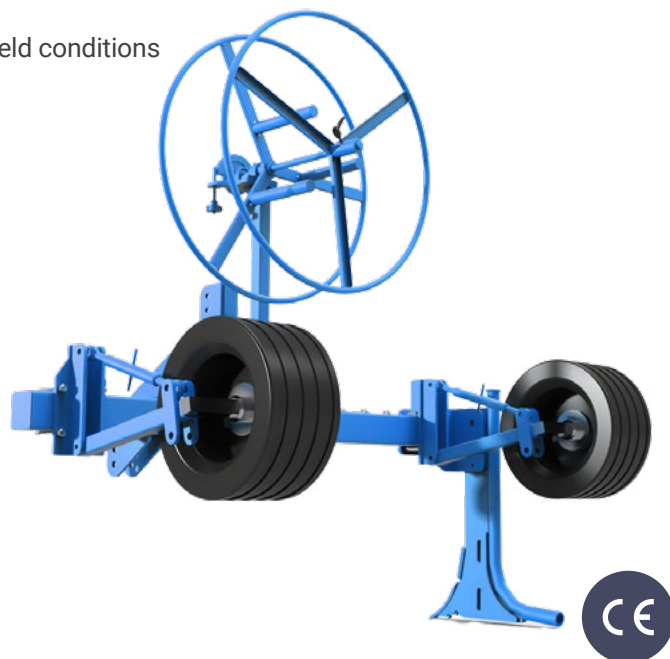
- Under-tree insertion HWD dripline
- Simple and safe to operate
- Upgradeable with multiple injection units and complementary accessories
- CE certified
- Easy to maintain
- Heavy-duty design ensures long life under adverse field conditions

→ Specifications

Pipe	HWD
Max. Dripline Diameter (mm)	20
No. of Insertion Units	1
Min. Insertion Depth (cm)	10
Max. Insertion Depth (cm)	50
Deployment Orientation	90°
Machine Dimensions (L x W x H) (cm)	140 x 220 - 270 x 220
Weight (Kg)	470
Catalog No.	77200-000140

→ Tractor Requirements

Min. Horsepower	80
Category	II
Hitch	3 points
Location of Implement	Rear



→ Performance & Applications

Field Segment	Orchards, vineyards
Estimated Capacity (ha/d)	8
Optional Accessories	TWD coil holder, roller box, manual markers, disc furrow, operator platform

*Tractor requirements and capacity are estimates and may vary according to field condition and other factors.

TWD / MWD Shallow Insertion Add-On Unit

The TWD / MWD shallow insertion add-on is suitable for all sizes of fields. This unit can be added to an existing bar or machine with a clamp. Use multiple units on the same frame to install multiple driplines per pass.



TWD & MWD



Installation



Shallow

/ Benefits & Features

- Safe solution for inserting TWD / MWD dripline with an existing bar
- Simple and easy to assemble
- Robust design provides long life under adverse field conditions

→ Specifications

Pipe	TWD / MWD
Max. Dripline Diameter (mm)	22
No. of Insertion Units	1
Min. Insertion Depth (cm)	0
Max. Insertion Depth (cm)	10
Deployment Orientation	180°
Bar Dimensions (mm)	100 x 100
Machine Dimensions (L x W x H) (cm)	110 x 25 x 190
Weight (Kg)	86
Catalog No.	77200-000068

→ Tractor Requirements

Min. Horsepower	10
Location of Implement	Rear

→ Performance & Applications

Estimated Capacity (ha/d)	4
Optional Accessories	No. of coil holders



*Tractor requirements and capacity are estimates and may vary according to field condition and other factors.

HWD Deep Insertion Machine - FORCE

Suitable for all sizes of open fields, orchards, vineyards and mines. Allows users to set up insertion depth and maintain a high level of accuracy along the lateral thanks to two pneumatic wheels. The FORCE model offers reliable high performance for many years.



HWD



Installation



Deep

/ Benefits & Features

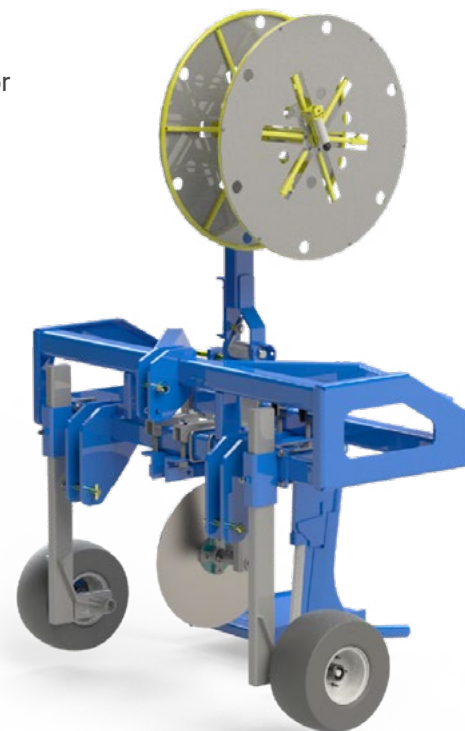
- Simple and safe to operate
- Upgradeable with multiple injection units and complementary accessories
- Easy to maintain
- Easy to adjust insertion depth
- Extremely high-strength build quality ensures long life and suitability for adverse field conditions

→ Specifications

Pipe	HWD
Max. Dripline Diameter (mm)	22
No. of Insertion Units	1
Min. Insertion Depth (cm)	7
Max. Insertion Depth (cm)	40
Deployment Orientation	180°
Machine Dimensions (L x W x H) (cm)	186 x 150 x 290
Weight (Kg)	635
Catalog No.	77200-007103

→ Tractor Requirements

Min. Horsepower	50
Category	II-III
Hitch	3 points
Location of Implement	Rear



→ Performance & Applications

Field Segment	Open field, orchards, mining, vineyards
Estimated Capacity (ha/d)	5-8
Optional Accessories	Rigid coulter wheel

*Tractor requirements and capacity are estimates and may vary according to field condition and other factors.

TWD / MWD Shallow Insertion Machine - BOSS Junior

This BOSS Junior TWD / MWD lighter weight shallow insertion machine is suitable for small to medium-sized open fields, and allows you to set up the insertion depth and maintain a high level of accuracy along the lateral thanks to two pneumatic wheels.



TWD & MWD



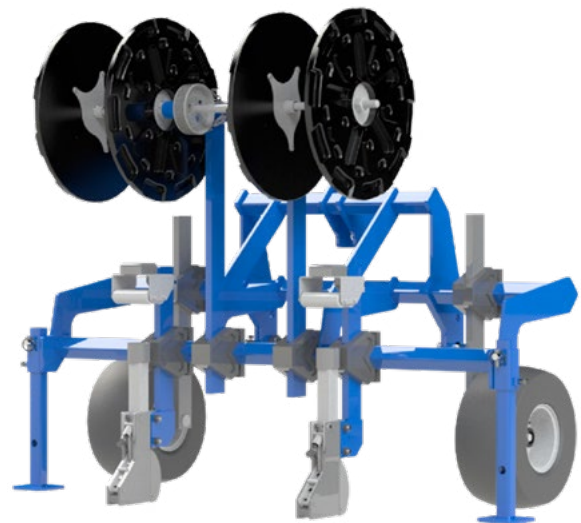
Installation



Shallow

/ Benefits & Features

- Inserting TWD / MWD driplines
- Simple and safe to operate
- Engineered ergonomic design
- Easy to maintain
- BOSS Junior line can be outfitted with components and complementary accessories to optimize accuracy and efficiency



→ Specifications

Pipe	TWD / MWD
Max. Dripline Diameter (mm)	22
No. of Insertion Units	2
Min. Insertion Depth (cm)	0
Max. Insertion Depth (cm)	15
Min. Distance Between Units (meter)	0.75
Max. Distance Between Units (meter)	1.00
Deployment Orientation	180°
Machine Dimensions (L x W x H) (cm)	206 x 120 x 163
Weight (Kg)	422
Catalog No.	77200-007101

→ Tractor Requirements

Min. Horsepower	50
Category	II-III
Hitch	3 points
Location of Implement	Rear

→ Performance & Applications

Field Segment	Open field
Estimated Capacity (ha/d)	7
Optional Accessories	Universal coil holder and multiple injection units

*Tractor requirements and capacity are estimates and may vary according to field condition and other factors.

Deep Installation Extraction Machine

This SDI extraction machine suitable for small to medium fields for recycling. The machine pulls pipes out of the soil and lays them down on the surface ready for retrieval from the end of the row.



TWD & HWD



Extraction



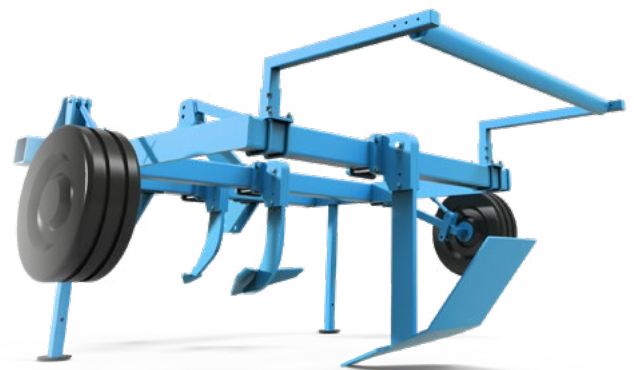
Deep

/ Benefits & Features

- Extracting deep-inserted driplines for retrieval
- Simple and safe to operate
- Reliable design ensures long life under adverse field conditions

→ Specifications

Pipe	TWD & HWD
Max. Dripline Diameter (mm)	All
No. of Units	1
Min. Insertion Depth (cm)	0
Max. Insertion Depth (cm)	40
Machine Dimensions (L x W x H) (cm)	316 x 229 x 177
Weight (Kg)	750
Catalog No.	77200-000143



→ Tractor Requirements

Min. Horsepower	200
Category	III
Hitch	3 points
Location of Implement	Rear

→ Performance & Applications

Field Segment	Open field
Estimated Capacity (ha/d)	N/A
Optional Accessories	N/A

*Tractor requirements and capacity are estimates and may vary according to field condition and other factors.

Deep Installation Extraction Machine

This SDI extraction machine is suitable for all field sizes, whether you need to extract the pipe from subsurface installations or through growing or lodged crop cover for recycling and reuse. Its pneumatic pulling tires gently squeeze most of the water out of the driplines and lay it down on the surface, ready for retrieval from the end of the row.



TWD & HWD



Extraction



Deep

/ Benefits & Features

- Extracting deep-inserted driplines for retrieval
- Upgradeable with multiple heads together to lift narrowly spaced material
- Removes most of the water from discarded pipes prior to retrieval
- Heavy-duty design ensures long life under adverse field conditions
- Suitable for the EU market

→ Specifications

Pipe	TWD & HWD
Max. Dripline Diameter (mm)	All
No. of Units	3
Min. Insertion Depth (cm)	0
Max. Insertion Depth (cm)	40
Min. Distance Between Units (meter)	1.00
Max. Distance Between Units (meter)	2.00
Machine Dimensions (L x W x H) (cm)	493 x 211 x 252
Weight (Kg)	2500
Catalog No.	77200-006562



→ Tractor Requirements

Min. Horsepower	150
Category	II-III
Hydraulic Specifications	Min. 24 lpm
Hitch	3 points
Location of Implement	Rear

→ Performance & Applications

Field Segment	Open field
Estimated Capacity (ha/d)	15
Optional Accessories	Multiple heads

*Tractor requirements and capacity are estimates and may vary according to field condition and other factors.

Deep Installation Extraction Machine - BEAST

His SDI extraction machine is suitable for all field sizes, whether you need to extract the pipe from subsurface installations or through growing or lodged crop cover for recycling and reuse. Its pneumatic pulling tires gently squeeze most of the water out of the driplines and lay it down on the surface, ready for retrieval from the end of the row.



TWD & HWD



Extraction



Deep

/ Benefits & Features

- Extracting deep-inserted driplines for retrieval
- Upgradeable with multiple heads together to lift narrowly spaced material
- Removes most of the water from discarded pipes prior to retrieval
- Heavy-duty design ensures long life under adverse field conditions

→ Specifications

Pipe	TWD & HWD
Max. Dripline Diameter (mm)	All
No. of Units	3
Min. Insertion Depth (cm)	0
Max. Insertion Depth (cm)	40
Min. Distance Between Units (meter)	1.00
Max. Distance Between Units (meter)	2.00
Machine Dimensions (L x W x H) (cm)	493 x 211 x 252
Weight (Kg)	2,785
Catalog No.	77200-007106



→ Tractor Requirements

Min. Horsepower	150
Category	II-III
Hydraulic Specifications	Min. 24 lpm
Hitch	3 points
Location of Implement	Rear

→ Performance & Applications

Field Segment	Open field
Estimated Capacity (ha/d)	15
Optional Accessories	Multiple heads

*Tractor requirements and capacity are estimates and may vary according to field condition and other factors.

TWD / MWD Shallow Installation Extraction Machine

An extraction machine for shallow inserted driplines, suitable for all sizes of field, for recycling and reuse. The self-propelled extractor applies constant pull on the pipe while the tractor traverses the field pulling the driplines out of the crops and laying it on the surface for retrieval from the end of the row.



TWD & MWD



Extraction



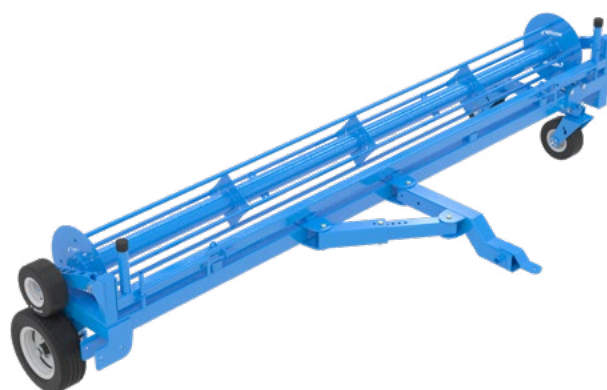
Shallow

/ Benefits & Features

- Extracting shallow-inserted driplines for retrieval
- Reduces manual labor involved in removing driplines from multiple rows
- Reliable design ensures long life under adverse field conditions
- Self propelled robust rotating mechanism

→ Specifications

Pipe	TWD / MWD
Max. Dripline Diameter (mm)	All
Min. Insertion Depth (cm)	0
Max. Insertion Depth (cm)	5
Machine Dimensions (L x W x H) (cm)	650x131x266
Weight (Kg)	900
Catalog No.	77200-007122



→ Tractor Requirements

Min. Horsepower	100
Category	II-III
Hitch	3 points / tow behind
Location of Implement	Rear

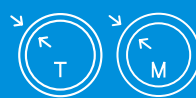
→ Performance & Applications

Field Segment	Open field
Estimated Capacity (ha/d)	30

*Tractor requirements and capacity are estimates and may vary according to field condition and other factors.

TWD / MWD Shallow Installation Extraction Machine

An extraction machine for shallow inserted driplines, suitable for all sizes of field, for recycling and reuse. The self-propelled extractor applies constant pull on the pipe while the tractor traverses the field pulling the driplines out of the crops and laying it on the surface for retrieval from the end of the row.



TWD & MWD



Extraction



Shallow

/ Benefits & Features

- Extracting shallow-inserted driplines for retrieval
- Reduces manual labor involved in removing driplines from multiple rows
- Reliable design ensures long life under adverse field conditions
- Self propelled robust rotating mechanism

→ Specifications

Pipe	TWD / MWD
Max. Dripline Diameter (mm)	All
Min. Insertion Depth (cm)	0
Max. Insertion Depth (cm)	5
Machine Dimensions (L x W x H) (cm)	300x131x266
Weight (Kg)	450
Catalog No.	77200-006560



→ Tractor Requirements

Min. Horsepower	100
Category	II-III
Hitch	3 points / tow behind
Location of Implement	Rear

→ Performance & Applications

Field Segment	Open field
Estimated Capacity (ha/d)	30

*Tractor requirements and capacity are estimates and may vary according to field condition and other factors.

TWD / MWD Shallow Installation Extraction Machine DYNAMO SHAKER

An extraction machine for shallow-inserted driplines, suitable for all field sizes, for recycling and reuse. The DYNAMO SHAKER machine enables growers to lift high volumes of TWD driplines in heavy density crops with smaller high clearance tractors.



TWD & MWD



Extraction



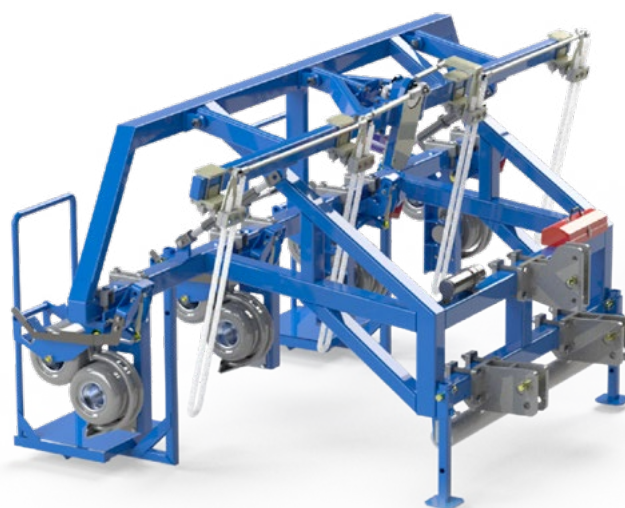
Shallow

/ Benefits & Features

- Extracting shallow-inserted driplines for retrieval in heavy density crops
- Reduces manual labor involved in removing driplines from multiple rows
- Upgradeable with multiple heads together to lift narrowly spaced material
- Removes most of the water from discarded pipes prior to retrieval
- Heavy-duty design ensures long life under adverse field conditions

→ Specifications

Pipe	TWD / MWD
Max. Dripline Diameter (mm)	All
No. of Units	4
Min. Insertion Depth (cm)	0
Max. Insertion Depth (cm)	10
Min. Distance Between Units (meter)	0.75
Max. Distance Between Units (meter)	1.00
Machine Dimensions (L x W x H) (cm)	379 x 224 x 152
Weight (Kg)	944
Catalog No.	77200-007105



→ Tractor Requirements

Min. Horsepower	100
Category	II-III
Hydraulic Specifications	Min. 44 lpm
Hitch	3 points
Location of Implement	Rear

→ Performance & Applications

Field Segment	Open field with heavy crop density profile
Estimated Capacity (ha/d)	14
Optional Accessories	Multiple heads

*Tractor requirements and capacity are estimates and may vary according to field condition and other factors.

TWD / MWD Shallow Installation Extraction Machine BUMPY

An extraction machine for shallow-inserted driplines, suitable for all field sizes, for recycling and reuse. The BUMPY applies an adjusted constant pull on the pipe while the tractor traverses the field, pulling the driplines out of the crops and laying it on the surface for retrieval from the end of the row.



TWD & MWD



Extraction



Shallow

/ Benefits & Features

- Extracting shallow-inserted driplines for retrieval
- Reduces manual labor involved in removing driplines from multiple rows
- Heavy-duty design ensures long life under adverse field conditions

→ Specifications

Pipe	TWD / MWD
Max. Dripline Diameter (mm)	All
Min. Insertion Depth (cm)	0
Max. Insertion Depth (cm)	5
Machine Dimensions (L x W x H) (cm)	463 x 178 x 152
Weight (Kg)	964
Catalog No.	77200-007104

→ Tractor Requirements

Min. Horsepower	100
Category	II-III
Hydraulic Specifications	Min. 57 lpm
Hitch	3 points
Location of Implement	Rear



→ Performance & Applications

Field Segment	Open field
Estimated Capacity (ha/d)	30
Optional Accessories	Coulter wheels



[Link →](#)

*Tractor requirements and capacity are estimates and may vary according to field condition and other factors.

Shallow Installation Extraction Machine

This extraction machine for shallow-inserted driplines is suitable for all field sizes and facilitates recycling and reuse. It enables the pulling of driplines out of crops for retrieval at the end of the row.



TWD & HWD



Extraction



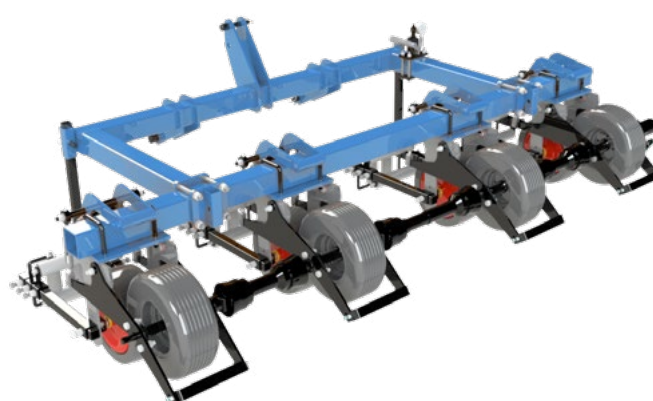
Shallow

/ Benefits & Features

- Extracting shallow-inserted driplines for retrieval
- Reduces manual labor involved in removing driplines from multiple rows
- Heavy-duty design ensures long life under adverse field conditions

→ Specifications

Pipe	TWD & HWD
Max. Dripline Diameter (mm)	All
No. of Units	4
Min. Insertion Depth (cm)	0
Max. Insertion Depth (cm)	10
Min. Distance Between Units (meter)	0.80
Max. Distance Between Units (meter)	1.60
Machine Dimensions (L x W x H) (cm)	200 x 400 x 160
Weight (Kg)	330
Catalog No.	77200-001290



→ Tractor Requirements

Min. Horsepower	120
Category	III
Hydraulic Specifications	15-26 lpm
Hitch	3 points
Location of Implement	Rear

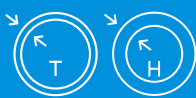
→ Performance & Applications

Field Segment	Open field with low crop density profile
Estimated Capacity (ha/d)	-
Optional Accessories	Multiple heads

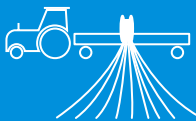
*Tractor requirements and capacity are estimates and may vary according to field condition and other factors.

Manual Retrieval Machine for Driplines

An end-of-row manual retrieval machine suitable for small fields, designed for the reuse and recycling of TWD or HWD driplines.



TWD & HWD



Retrieval



Reuse

/ Benefits & Features

- Retrieving TWD or HWD driplines for reuse and recycling
- Safe and easy to operate for famers at all levels
- Efficient storage thanks to dense and uniform coils
- Easy to maintain
- High mobility

→ Specifications

	HWD	TWD
Max. Dripline Diameter (mm)	All	All
No. of Units	1	1
Machine Dimensions (L x W x H) (cm)	81 x 70 x 145	81 x 70 x 130
Weight (Kg)	35	29
Catalog No.	77200-006510	77200-006511

→ Performance & Applications

Field Segment	Open field, orchards, vineyards, mining, greenhouse
Optional Accessories	Reusable plastic spools kit

HWD



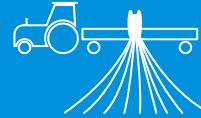
TWD



Link →

The diagram illustrates the circular economy model for hazardous waste management. It consists of three main stages arranged horizontally, each with a corresponding icon and label below it:

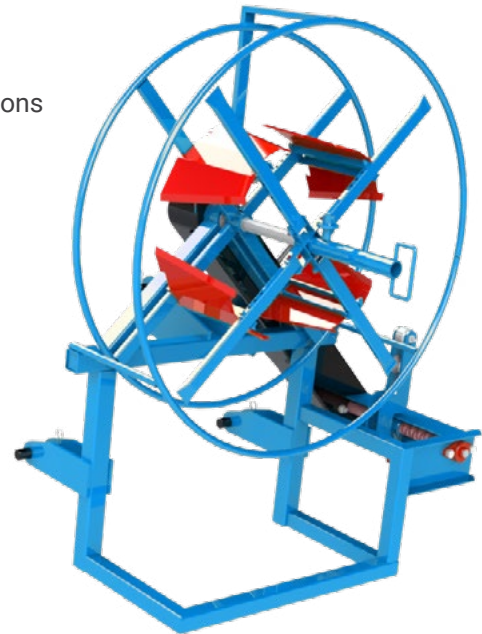
- HWD**: Represented by an icon of a circle with a smaller circle inside, labeled 'H' for Hazardous Waste Disposal.
- Retrieval**: Represented by an icon of a truck with a crane lifting a container, labeled 'Retrieval'.
- Reuse**: Represented by an icon of three arrows forming a circular loop, labeled 'Reuse'.



Retrieval

Reuse

- Suitable for small to medium growers that want to collect dripline from single pass
- Simple and safe to operate
- Compact and efficient storage thanks to tensioning system that creates dense and uniform coils
- Powered by tractor auxiliary hydraulics
- Easy to maintain
- Heavy-duty design ensures long life under adverse field conditions



Pipe	HWD
Max. Dripline Diameter (mm)	20
No. of Units	1
Machine Dimensions (L x W x H) (cm)	95 x 130 x 151
Weight (Kg)	250
Catalog No.	77200-001560

Min. Horsepower	60
Category	II
Hydraulic Specifications	15-26 lpm
Hitch	3 points
Location of Implement	Rear

Field Segment	Open field, orchards, vineyards, mining
Estimated Capacity (ha/d)	4
Optional Accessories	N/A

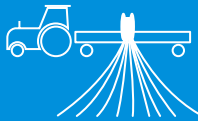
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HWD Metal Reel Retrieval Machine for Reuse

An end-of-row retrieval machine suitable for all sizes of fields that ensures well uniformed HWD metal reels for reuse.



HWD



Retrieval



Reuse

/ Benefits & Features

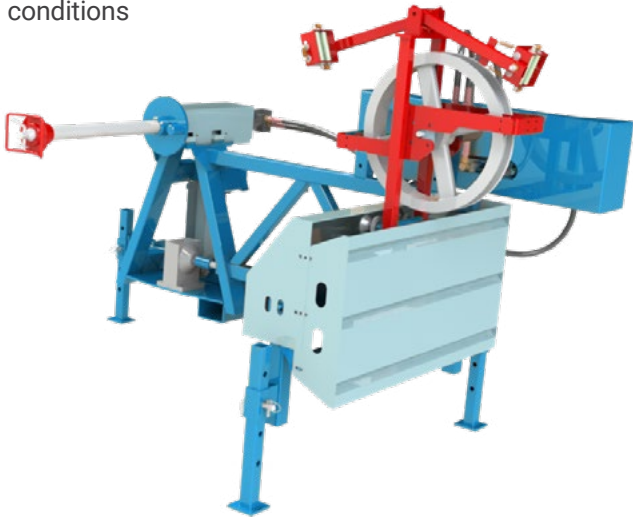
- Retrieving HWD driplines on large metal reels for reuse
- Highly efficient retrieval process
- Powered by tractor auxiliary hydraulics
- Easy to maintain
- Heavy-duty design ensures long life under adverse field conditions

→ Specifications

Pipe	HWD
Max. Dripline Diameter (mm)	20
No. of Units	1
Machine Dimensions (L x W x H) (cm)	150 x 170 x 180
Weight (Kg)	400
Catalog No.	77200-001200

→ Tractor Requirements

Min. Horsepower	80
Category	II-III
Hydraulic Specifications	15-26 lpm
Hitch	3 points
Location of implement	Rear



Use with metal reel catalog number:
80600-001210

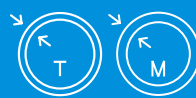
→ Performance & Applications

Field Segment	Open field
Estimated Capacity (ha/d)	7
Optional Accessories	Front location of implement

*Tractor requirements and capacity are estimates and may vary according to field condition and other factors.

TWD / MWD Retrieval Machine for Reuse

An end-of-row retrieval machine suitable for small to medium fields. The machine is equipped with a tensioning device that ensures uniform and tight TWD coils ideal for reuse.



TWD & MWD



Retrieval



Reuse

/ Benefits & Features

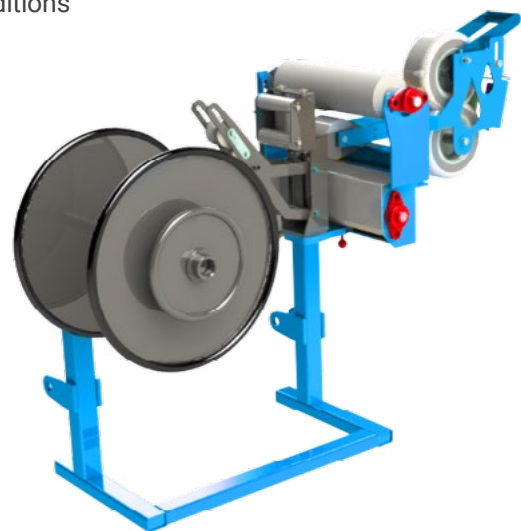
- Retrieval TWD / MWD dripline for reuse
- Safe and easy to operate for farmers at all levels of expertise
- Compact and efficient storage thanks to tensioning system that creates dense and uniform coils
- Powered by tractor auxiliary hydraulics
- Easy to maintain
- Heavy-duty design ensures long life under adverse field conditions

→ Specifications

Pipe	TWD / MWD
Max. Dripline Diameter (mm)	22
No. of Units	1
Machine Dimensions (L x W x H) (cm)	126 x 77 x 155
Weight (Kg)	155
Catalog No.	77200-001530

→ Tractor Requirements

Min. Horsepower	60
Category	II
Hydraulic Specifications	15-26 lpm
Hitch	3 points
Location of Implement	Rear



→ Performance & Applications

Field Segment	Open field, mining
Estimated Capacity (ha/d)	6
Optional Accessories	Reusable plastic spools: 80600-002600

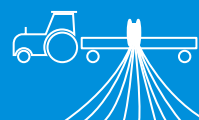
*Tractor requirements and capacity are estimates and may vary according to field condition and other factors.

TWD / MWD Retrieval Machine for Reuse - RALLY

The RALLY end-of-row retrieval machine is suitable for all sizes of fields. The machine is fully equipped and ensures uniform and tight TWD coils for reuse with reliable, high performance.



TWD & MWD



Retrieval



Reuse

/ Benefits & Features

- Retrieval TWD / MWD driplines for reuse
- Compact and efficient storage thanks to tensioning system that creates dense and uniform coils
- The RALLY line can be outfitted with components and complementary accessories to allow longer coils redeployment and optimize efficiency
- Powered by tractor auxiliary hydraulics
- Heavy-duty design ensures long life under adverse field conditions
- High mobility

→ Specifications

Pipe	TWD / MWD
Max. Dripline Diameter (mm)	22
No. of Units	2
Machine Dimensions (L x W x H) (cm)	381 x 166 x 173
Weight (Kg)	488
Catalog No.	77200-007108

→ Tractor Requirements

Min. Horsepower	40
Category	I-II-III
Hydraulic Specifications	Min. 30 lpm
Hitch	Ball or Pin Hitch
Location of Implement	Rear



→ Performance & Applications

Field Segment	Open field
Estimated Capacity (ha/d)	10-14
Optional Accessories	Reusable plastic spool 18", splicing station

*Tractor requirements and capacity are estimates and may vary according to field condition and other factors.

Retrieval Machine for FlexNet™

An end-of-row retrieval machine suitable for all sizes of fields, designed for reuse and recycling of FlexNet™ - FXN pipes



FlexNet



Retrieval



Reuse

/ Benefits & Features

- Retrieving FlexNet™ for reuse and recycling
- Safe and easy to operate for farmers at all levels
- Efficient storage thanks to dense and uniform rolls
- Easy to maintain
- High mobility

→ Specifications

	Manual	Electrical
Pipe	FXN / FXN HP	FXN / FXN HP
No. of Units	1	1
Pipe Diameter (mm)	2"-4"	2"-4"
Machine Dimensions (L x W x H) (cm)	117 x 93 x 133	117 x 83 x 134
Weight (Kg)	54	81
Catalog No.	77200-001131	77200-000065

Manual



Electrical



Link →

Retrieval Machine for FlexNet™

An end- of- row retrieval machine suitable for all sizes of fields, designed for reuse of Flexnet™ PIPs



FlexNet™



Retrieval



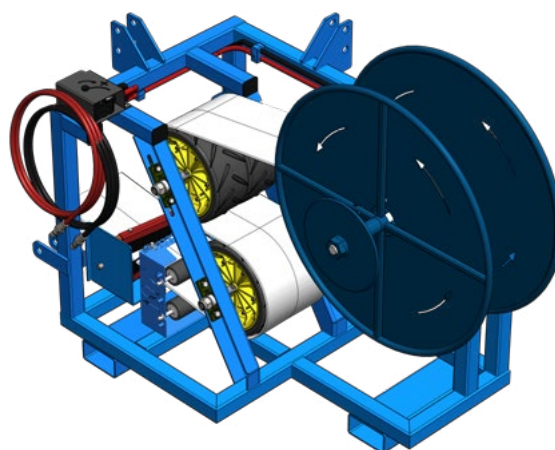
Reuse

/ Benefits & Features

- Retrieving Flexnet™ for reuse
- Powered by tractor auxiliary hydraulics
- Easy to maintain
- Robust design provides long life under adverse field condition
- Shut-off safety valve

→ Specifications

Pipe	FXN / FXN HP
Max. dripline diameter (mm)	2" - 6"
No. of units	1
Machine dimensions (L x W x H) (cm)	180 x 93 x 146
Weight (kg)	230
Catalog no.	77200-006566



→ Tractor Requirements

Min. Horsepower	75
Category	II
Hydraulic Specifications	Min. 30 lpm
Hitch	3 points
Location of implement	Front & rear

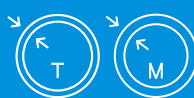
→ Performance & Applications

Field Segment	Open field
Estimated Capacity (miday)	3000

*Tractor requirements and capacity are estimates and may vary according to field condition and other factors.

TWD / MWD Retrieval Machine for Recycling

An over-the-row retrieval machine suitable for small to medium fields, featuring a special system that creates uniform, dense rolls of used TWD for recycling.



TWD & MWD



Retrieval



Recycling

/ Benefits & Features

- Retrieving TWD / MWD driplines for recycling
- CE certified
- Engineered ergonomic design - rolls are hydraulically ejected from the winding arbor
- Powered by tractor auxiliary hydraulics
- Easy to maintain
- Robust design provides long life under adverse field condition

→ Specifications

Pipe	TWD / MWD
Max. dripline diameter (mm)	22
No. of units	2
Distance between units (meter)	1.78
Machine dimensions (L x W x H) (cm)	180 x 260 x 190
Weight (kg)	680
Catalog no.	77200-000142

→ Tractor Requirements

Min. Horsepower	85
Category	II
Hydraulic Specifications	Min. 30 lpm
Hitch	3 points
Location of implement	Front & rear



→ Performance & Applications

Field Segment	Open field
Estimated Capacity (ha/d)	10
Optional Accessories	Single retrieving unit, operator platform

*Tractor requirements and capacity are estimates and may vary according to field condition and other factors.

Dripline Retrieval Machine for Recycling

An end-of-row retrieval machine suitable for all sizes of fields, designed for recycling TWD & HWD driplines.



TWD & HWD



Retrieval



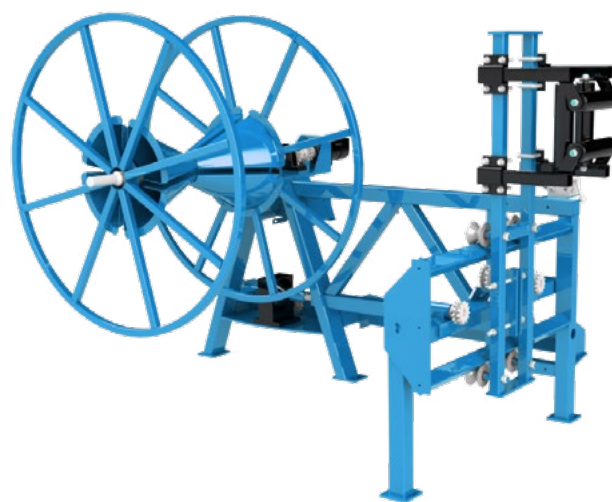
Recycling

/ Benefits & Features

- Retrieving driplines for recycling
- Simple and safe to operate
- Powered by tractor auxiliary hydraulics
- Heavy-duty design ensures long life under adverse field conditions

→ Specifications

Pipe	TWD & HWD
Max. Dripline Diameter (mm)	All
No. of Units	1
Machine Dimensions (L x W x H) (cm)	150 x 170 x 180
Weight (Kg)	400
Catalog No.	77200-001135



→ Tractor Requirements

Min. Horsepower	80
Category	II-III
Hydraulic Specifications	15-26 lpm
Hitch	3 points
Location of Implement	Rear

→ Performance & Applications

Field Segment	Open field, Or-chards
Estimated Capacity (ha/d)	12
Optional Accessories	N/A

*Tractor requirements and capacity are estimates and may vary according to field condition and other factors.

TWD / MWD Retrieval Machine for Recycling

An end- of- row retrieval machine suitable for small to medium fields, that creates uniform, dense rolls of used TWD for recycling.



TWD & MWD



Retrieval



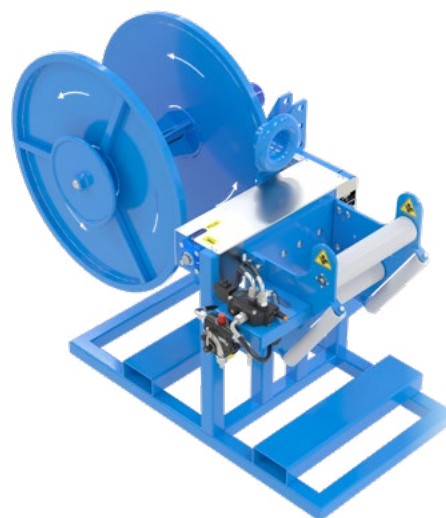
Recycling

/ Benefits & Features

- Retrieving TWD / MWD driplines for recycling
- Powered by tractor auxiliary hydraulics
- Easy to maintain
- Robust design provides long life under adverse field condition
- Shut-off safety valve

→ Specifications

Pipe	TWD / MWD
Max. dripline diameter (mm)	22
No. of units	1
Machine dimensions (L x W x H) (cm)	
Weight (kg)	250
Catalog no.	77200-006561



→ Tractor Requirements

Min. Horsepower	75
Category	II
Hydraulic Specifications	Min. 30 lpm
Hitch	3 points
Location of implement	Front & rear

→ Performance & Applications

Field Segment	Open field
Estimated Capacity (ha/d)	10

*Tractor requirements and capacity are estimates and may vary according to field condition and other factors.

→ Retrieval Machine for Recycling Model Comparison

Catalog No	77200-006559	77200-001198	77200-007109	77200-000145
SAP Description	RETRIEVING MACH RECYC ULTRABINDER CTR AN	RETRIEVING MACH RECYC ULTRABINDER AN	RETRIEVING MACH RECYC ULTRABINDER DTR AN	RETRIEVING MACH RECY UB DELUXETRAILER AN
Name	ULTRA BINDER 3P HITCH SLIM	ULTRA BINDER 3P HITCH	ULTRABINDER STAND-ALONE	ULTRA BINDER STAND-ALONE WITH PLATFORM
Product Image				
Benefits and Features	- Retrieving driplines for recycling - Powered by tractor auxiliary hydraulics - Pinch-wheels system allows super-efficient retrieval - Industry best in roll compaction - Ergonomic design – Hydraulic roll ejection	- Retrieving driplines for recycling - Powered by tractor auxiliary hydraulics - Pinch-wheels system allows super-efficient retrieval - Industry best in roll compaction - Ergonomic design – Hydraulic roll ejection - Heavy-duty design ensures long life under adverse field condition - Unique safety shut-off system	- Retrieving driplines for recycling - Pinch-wheels system allows super-efficient retrieval - Industry best in roll compaction - Ergonomic design – Hydraulic roll ejection - Heavy-duty design ensures long life under adverse field condition - Independent operation- powered by a gasoline generator - Towed anywhere on road and in-farm by a tractor or pick-up truck - Unique safety shut-off system	- Retrieving driplines for recycling - Pinch-wheels system allows super-efficient retrieval - Industry best in roll compaction - Ergonomic design – Hydraulic roll ejection - Heavy-duty design ensures long life under adverse field condition - Independent operation- powered by a gasoline generator - Towed anywhere on road and in-farm by a tractor or pick-up truck - Integral platform saves time and labor- reduce logistics stops and directly transfer the collected DL from the field to the warehouse - Unique safety shut-off system
Specification	Dripline	TWD/MWD**		
	Max Dripline Diameter	All		
	No. of Units	1		
	Machine Dimensions L x W x H (cm)	158 x 158 x 158	244 x 216 x 178	409 x 229 x 216
	Weight (kg)	445	772	1316
	Min. Horsepower	75		N/A
Tractor requirements	Category	II-III		N/A
	Hydraulic Specifications	Min. 57lpm*		N/A
	Hitch	3 Points		2 5/16" Ball Hitch or 1" pin Clevis
	Location Of Implement	Rear		
	Field Segment	Open field		
Performance	Estimated Capacity (ha/d)	16-32		

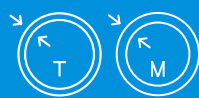
* Tractor requirements and capacity are estimates. Capacity varies according to field condition and other factors

** Can retrieve HWD if needed

TWD / MWD Retrieval Machine for Recycling

ULTRA BINDER 3P HITCH SLIM

The ULTRA BINDER 3P HITCH SLIM with PLATFORM end-of-row retrieval machine is suitable for all sizes of fields. Its unique system creates uniform, dense rolls of used TWD for recycling. Multiple lines are retrieved simultaneously, and this feature allows continuous operation of the machine with a very efficient retrieval process.



TWD & MWD



Retrieval



Recycling

/ Benefits & Features

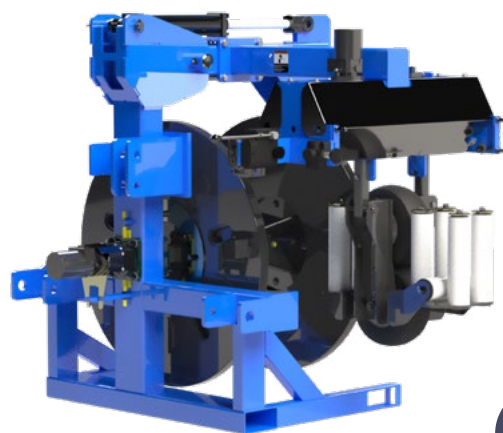
- Retrieving driplines for recycling
- Powered by tractor auxiliary hydraulics
- Pinch-wheels system allows super-efficient retrieval
- Industry best in roll compaction
- Ergonomic design – Hydraulic roll ejection

→ Specifications

Dripline	TWD / MWD**
Max. Dripline Diameter (mm)	All
No. of Units	1
Machine Dimensions (L x W x H) (cm)	158 x 158 x 158
Weight (Kg)	445
Catalog No.	77200-006559

→ Tractor Requirements

Min. Horsepower	75
Category	II-III
Hydraulic Specifications	Min. 57lpm*
Hitch	Three points
Location of Implement	Rear



→ Performance & Applications

Field Segment	Open field
Estimated Capacity (ha/d)	16-32

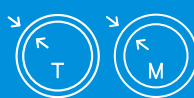
*Tractor requirements and capacity are estimates and may vary according to field condition and other factors.

** Can retrieve HWD if needed

TWD / MWD Retrieval Machine for Recycling ULTRA BINDER

3P HITCH

The ULTRA BINDER end-of-row retrieval machine is suitable for all sizes of fields. Its unique system creates uniform, dense rolls of used TWD for recycling. Multiple lines are retrieved simultaneously, and this feature allows continuous operation of the machine with a very efficient retrieval process.



TWD & MWD



Retrieval



Recycling

/ Benefits & Features

- Retrieving driplines for recycling
- Pinch-wheels system allows super-efficient retrieval
- Industry best in roll compaction
- Ergonomic design – hydraulic roll ejection
- Unique safety shut-off system
- Creates dense coils without any core for simple stacking in storage and shipment

→ Specifications

Dripline	TWD / MWD**
Max. Dripline Diameter (mm)	All
No. of Units	1
Machine Dimensions (L x W x H) (cm)	244 x 216 x 178
Weight (Kg)	772
Catalog No.	77200-001198

→ Tractor Requirements

Min. Horsepower	75
Category	II-III
Hydraulic Specifications	Min. 57lpm*
Hitch	3 points
Location of Implement	Rear



→ Performance & Applications

Field Segment	Open field
Estimated Capacity (ha/d)	16-32

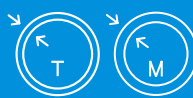
* Tractor requirements and capacity are estimates. Capacity varies according to field condition and other factors

** Can retrieve HWD if needed

TWD / MWD Retrieval Machine for Recycling

ULTRA BINDER STAND-ALONE

The ULTRA BINDER STAND-ALONE end-of-row retrieval machine is suitable for all sizes of fields. Its unique system creates uniform, dense rolls of used TWD for recycling. Multiple lines are retrieved simultaneously, and this feature allows continuous operation of the machine with a very efficient retrieval process.



TWD & MWD



Retrieval



Recycling

/ Benefits & Features

- Retrieving driplines for recycling
- Pinch-wheels system allows super-efficient retrieval
- Industry best in roll compaction
- Ergonomic design – hydraulic roll ejection
- Heavy-duty design ensures long life under adverse field condition
- Independent operation – powered by a gasoline generator
- Towed anywhere on road and in-farm by a tractor or pick-up truck
- Unique safety shut-off system

→ Specifications

Dripline	TWD / MWD**
Max. Dripline Diameter (mm)	All
No. of Units	1
Machine Dimensions (L x W x H) (cm)	409 x 229 x 216
Weight (Kg)	1316
Catalog No.	77200-007109

→ Tractor Requirements

Min. Horsepower	N/A
Category	N/A
Hydraulic Specifications	N/A
Hitch	2 5/16" Ball Hitch or 1" pin Clevis
Location of Implement	Rear

*Tractor requirements and capacity are estimates and may vary according to field condition and other factors.

** Can retrieve HWD if needed



→ Performance & Applications

Field Segment	Open field
Estimated Capacity (ha/d)	16-32

TWD / MWD Retrieval Machine for Recycling

ULTRA BINDER STAND- ALONE WITH PLATFORM

The ULTRA BINDER STAND-ALONE with PLATFORM end-of-row retrieval machine is suitable for all sizes of fields. Its unique system creates uniform, dense rolls of used TWD for recycling. Multiple lines are retrieved simultaneously, and this feature allows continuous operation of the machine with a very efficient retrieval process.



TWD & MWD



Retrieval



Recycling

/ Benefits & Features

- Retrieving driplines for recycling
- Pinch-wheels system allows super-efficient retrieval
- Industry best in roll compaction
- Ergonomic design – hydraulic roll ejection
- Heavy-duty design ensures long life under adverse field condition
- Independent operation – powered by a gasoline generator
- Towed anywhere on road and in-farm by a tractor or pick-up truck
- Integral platform saves time and labor- reduce logistics stops and directly transfer the collected driplines from the field to the warehouse
- Unique safety shut-off system

→ Specifications

Dripline	TWD / MWD**
Max. Dripline Diameter (mm)	All
No. of Units	1
Machine Dimensions (L x W x H) (cm)	676 x 229 x 224
Weight (Kg)	1633
Catalog No.	77200-000145

→ Tractor Requirements

Min. Horsepower	N/A
Category	N/A
Hydraulic Specifications	N/A
Hitch	2 5/16" Ball Hitch or 1" pin Clevis
Location of Implement	Rear

** Can retrieve HWD if needed



→ Performance & Applications

Field Segment	Open field
Estimated Capacity (ha/d)	16-32



Link →

Retrieval Machine for Large Scale Recycling

This end-of-row retrieval machine is suitable for large scale recycling. It features a mechanism that creates one, highly condensed mega roll. Multiple driplines are retrieved simultaneously allowing continuous operation of the machine and a super-efficient retrieval process.



TWD & HWD



Retrieval



Recycling

/ Benefits & Features

- Retrieving driplines and agricultural plastics for large scale recycling
- Engineered ergonomic design - rolls are hydraulically ejected from the winding arbor
- Efficient retrieval process
- Powered by tractor auxiliary hydraulics
- Heavy-duty design ensures long life under adverse field conditions
- Creates dense coils without any core for simple stacking in storage and shipment
- Designed for the EU market

→ Specifications

Pipe	TWD & HWD
Max. Dripline Diameter (mm)	All
No. of Units	1
Machine Dimensions (L x W x H) (cm)	
Weight (Kg)	1250
Catalog No.	77200-006563



→ Tractor Requirements

Min. Horsepower	80
Category	II-III
Hydraulic Specifications	Min. 57 lpm
Hitch	3 points
Location of Implement	Rear

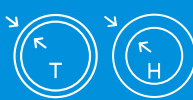
→ Performance & Applications

Field Segment	Open field, Orchards
Estimated Capacity (ha/d)	25

*Tractor requirements and capacity are estimates and may vary according to field condition and other factors.

Retrieval Machine for Large Scale Recycling - MEGA BINDER

The MEGA BINDER end-of-row retrieval machine is suitable for large scale recycling. It features a unique system with a cleaning mechanism that creates one, highly condensed mega roll. Multiple driplines are retrieved simultaneously allowing continuous operation of the machine and a super-efficient retrieval process.



TWD & HWD



Retrieval



Recycling

/ Benefits & Features

- Retrieving driplines and agricultural plastics for large scale recycling
- Engineered ergonomic design - rolls are hydraulically ejected from the winding arbor
- Super-efficient retrieval process
- Powered by tractor auxiliary hydraulics
- Heavy-duty design ensures long life under adverse field conditions
- Creates dense coils without any core for simple stacking in storage and shipment

→ Specifications

Pipe	TWD & HWD
Max. Dripline Diameter (mm)	All
No. of Units	1
Machine Dimensions (L x W x H) (cm)	221 x 252 x 227
Weight (Kg)	1595
Catalog No.	77200-007107



→ Tractor Requirements

Min. Horsepower	100
Category	II-III
Hydraulic Specifications	Min. 57 lpm
Hitch	3 points
Location of Implement	Rear

→ Performance & Applications

Field Segment	Open field, Orchards
Estimated Capacity (ha/d)	32-64
Optional Accessories	DTR pull trailer version

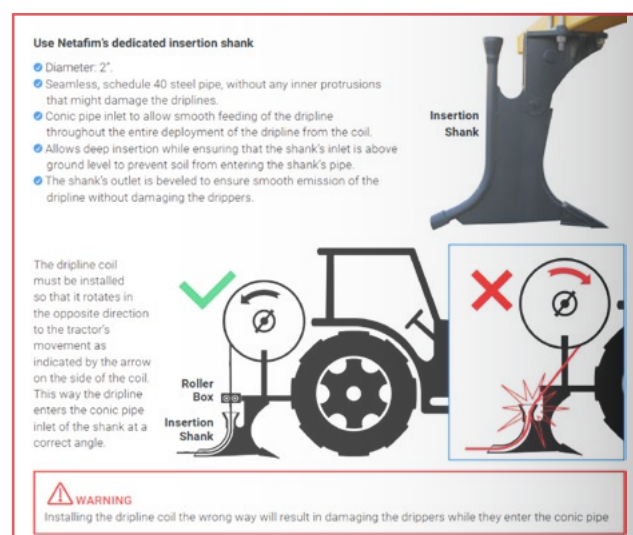
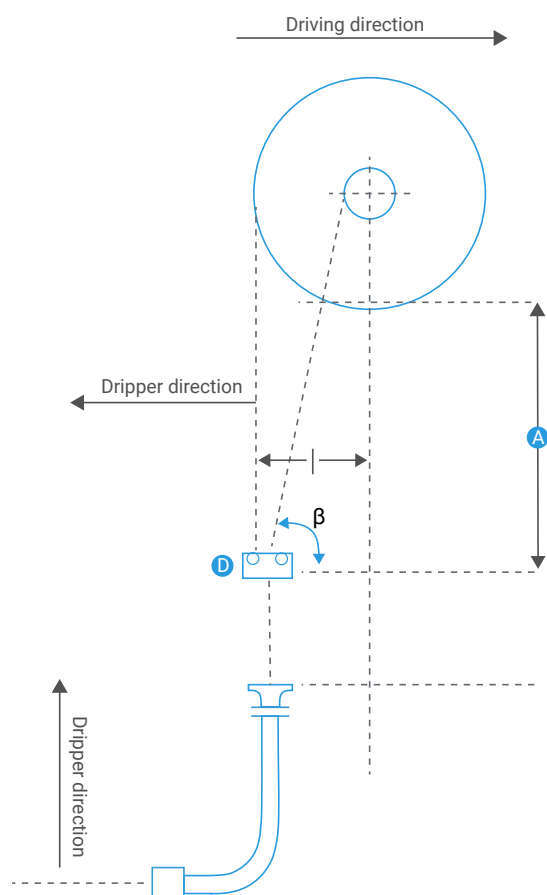
*Tractor requirements and capacity are estimates and may vary according to field condition and other factors.

APPENDIX

Installation Machinery

When installing Netafim's driplines you should pay attention to the following fundamentals principals:

- Keep a wide-enough distance **A** between the lower part of the reel and the rollers box **D** entrance to allow the dripline free unwinding (right-left, full-empty) without kinking
- Make sure the entrance angel (β) is no less than 45 degrees.
- Make sure the unwinding reel mechanism has a constant braking system to avoid winds fall off the reel in a sudden stop of the movement (reel would want to keep rotating due to its inertia)
- Make sure drippers are installed facing up



Further instructions are available upon request



04-0724-AG-MACH-CAT-0037-EN



www.netafim.com