

## Advantages:

### PSF (pot spacing fork)

Easily adjusts to different pot sizes

Can spread pots in both X and Y directions

Straight or chessboard patterns

Compact and narrow for easy movement in narrow spaces

Can be attached to any forklift, easy to integrate

Ideal for smaller-scale operations

Ability to grab or place pots a buffer table or belt.

Driving speed adjustments required manually

Small to medium-sized nurseries

### PSM (pot spacing machine)

Easily adjusts to different pot sizes

Can spread pots in both X and Y directions

Straight or chessboard patterns

Compact and narrow for easy movement in narrow spaces

Self-contained with an integrated chassis

Handles larger capacities, with up to 4 meters of usable length

Better weight distribution and operator visibility

Integrated software system for streamlined operation

Larger nurseries requiring higher throughput

## Why choose IDEAAL?

- Flexibility in operation: Both the PSF and PSM systems offer adaptable spacing solutions, ensuring that you can adjust to different pot sizes and spacing requirements with ease.
- Compact and efficient: Despite their robust performance, both systems are narrow, maneuverable, and easy to operate in tight environments.
- Tailored for your needs: Choose between the PSF for lower investment and flexibility, or the PSM for larger operations seeking higher throughput and better capacity.

With over 30 years of expertise in pot spacing, IDEAAL continues to lead the way in horticultural innovation, delivering machines that adapt to your needs and help streamline your operations.

Contact us to see how IDEAAL's pot spacing systems can simplify your operations, improve productivity, and support your nursery's growth.



# FASTER POT HANDLING IN HORTICULTURE



**IDEAAL**  
AUTOMATING HORTICULTURE

**IDEAAL B.V.**

Expeditiestraat 21, 5961 PX Horst (The Netherlands)  
T +31 (0)77 398 1256 E info@ideaal.eu

Find out  
more?



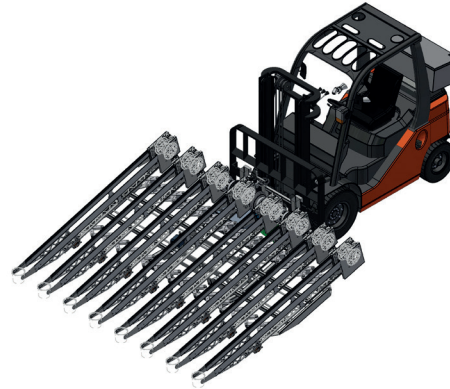
At IDEAAL, we've developed a patented system designed to make pot handling in horticulture faster, more efficient, and adaptable to a wide range of pot sizes. Our technology helps you automate the process of picking up, transporting, and spacing round plastic pots—offering both flexibility and precision. Whether you're working with large or small pots, our equipment ensures you can process them all using just one machine.

## What sets us apart?

- Dual-direction spacing: Our system can arrange pots both horizontally (X-axis) and vertically (Y-axis), allowing you to optimize your layout in multiple ways. This means you can choose between placing pots in rows, or even in a chessboard pattern, depending on your needs.
- Adaptable to any operation: Whether you need a compact solution or one that handles larger volumes, we offer two variations to fit your workflow:
  - PSF (pot spacing fork): A versatile attachment that connects to any forklift, letting you use your existing equipment. Ideal for smaller-scale operations, it's lightweight and easy to maneuver in tight spaces.
  - PSM (pot spacing machine): A self-contained, high-capacity solution with an integrated chassis. It doubles the capacity of the PSF, providing even more efficient pot spacing for larger operations. The PSM also features better weight distribution and an advanced software system for easier operation.

Both systems are built to adjust effortlessly to different pot sizes, giving you full control over your spacing and increasing the efficiency of your workflow.

## PSF (pot spacing fork)



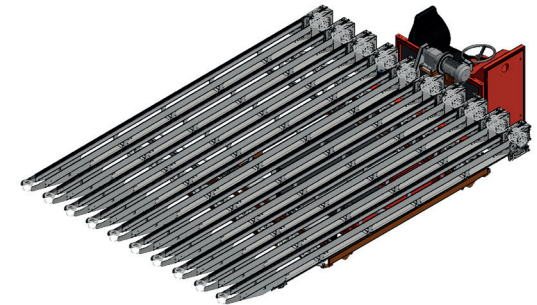
Discription	Value(s)
Functional length	2 meter
Total length	2.4 m. (without forklift)
Weight	>500kg. <1000kg.
Narrow width	Min. 1 meter
Spreaded width	Max 2,5 x narrow width*
Vehicle propulsion	Forklift
Chaindrive	2.2 kW Electric
Spreading of the fork	Hydraulic by forklift

\* Calculation example: Spread width = Narrow width x 2.5: = 1.3 x 2.5 = 3.25m.

### Options in pot sizes.

We offer a wide range of pot sizes, with the same size options available for both the PSF and PSM systems.

## PSM (pot spacing machine)



Discription	Value(s)
Functional length	4 meter
Total length	5.5 m.
Weight	>2000kg. <2500kg.
Narrow width	Min. 1.3 meter
Spreaded width	Max 2,5 x narrow width*
Vehicle propulsion	7.5 kW electric drive
Chaindrive	3 kW Electric
Spreading of the fork	Hydraulic
Battery	Lithium (LiFePo4)

### Indication pot sizes\*\*:

10.5 – 16 cm  
12 – 19 cm.  
14 – 22 cm.  
15 – 23 cm.  
23 – 26 cm.

### \*\*Please note:

the pot sizes are an estimate and may differ due to the shape/design of the pot. To be sure, we advise you to carry out a test.