

# ProFeeder X-XL

Higher production capacity and extended storage compartment



## Introduction

The ProFeeder X-XL stands out as a smart, high-capacity robotic feeder that combines space efficiency with seamless cobot integration. With its 500 mm-wide frame, multiple tray options (2, 5, or 10), and the ability to handle heavy workloads—up to 90 kg per tray and parts as tall as 320 mm—it is engineered to enhance CNC automation and robotic machine tending.

## ProFeeder X-XL Features

### Exceptional Load Capacity

The ProFeeder X-XL robotic feeder supports up to 90 kg per tray with  $\leq 2.5$  mm deflection, ensuring stable and reliable handling of heavy workpieces in CNC machine tending applications.

### Spacious, Flexible Trays

Equipped with up to five 780 × 620 mm trays and available in 2, 5, or 10 tray configurations, this high-capacity robotic feeding cell enables scalable CNC automation and efficient production workflows.

### Dual Locking Safety

The dual locking safety system, featuring Mechlock (mechanical) and Airlock (pneumatic) options, enhances operator safety, improves stability, and ensures secure robotic automation for CNC operations.



Airlock System



Mechlock System

Only  
**2.5 mm**  
Deflection



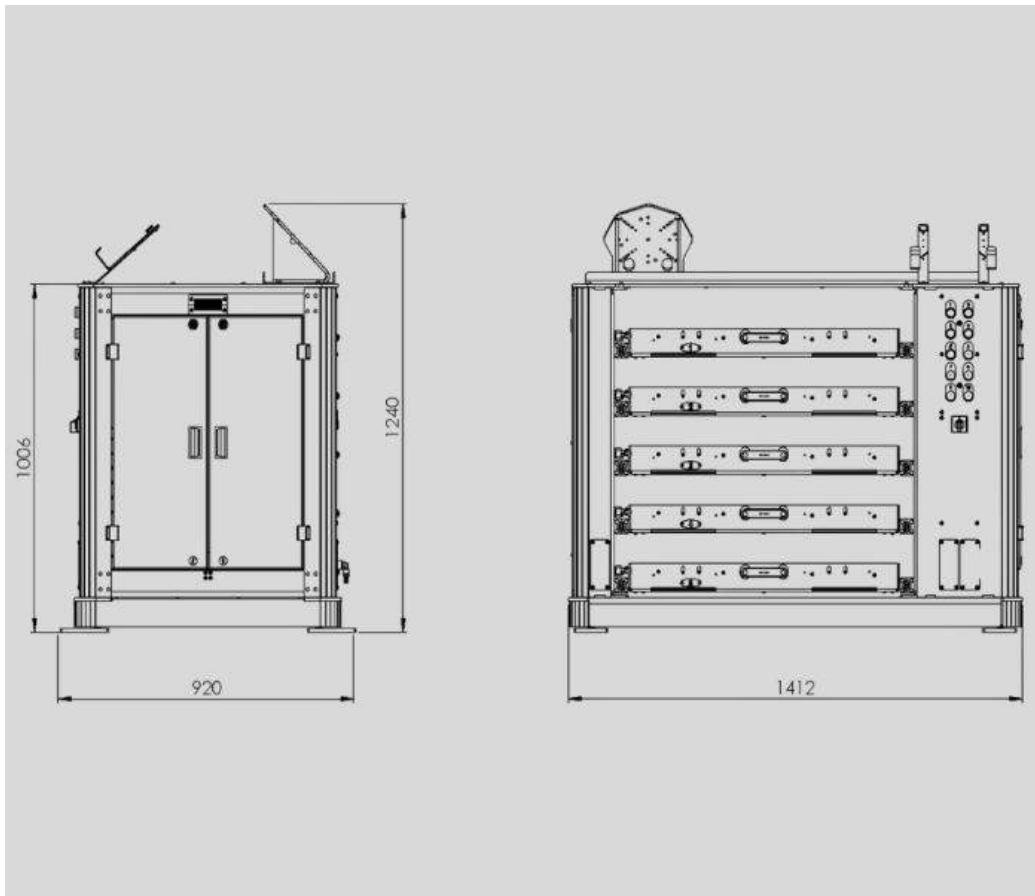
INTEGRATED COMPARTMENT FOR CONTROLLER BOX

## Advanced Robotic Drawer System for CNC Automation

The ProFeeder X-XL is a high-capacity robotic drawer system designed to optimize CNC automation in demanding production environments. Its multiple spacious trays support continuous robotic machine tending, reduce downtime, and significantly improve overall manufacturing efficiency.

- Scalable robotic platform with flexible cobot integration for both small-batch production and large-scale manufacturing.
- Robust robotic construction ensures safe and stable handling of heavy workpieces.
- Advanced robotic trays enable seamless loading and unloading, delivering reliable and adaptable CNC automation workflows.





## Product Order Overview

PFX-2100-02	PF X-XL 2× 90 kg tray w. Mechlock	H: 1050 mm, W: 1420, L: 920, Wt: 535 kg, 2× 780×620 mm tray area, 2.5 mm deflection at 90 kg, Max part height 320 mm, Mech-lock
PFX-2101-02	PF X-XL 2× 90 kg tray w. Airlock	H: 1050 mm, W: 1420, L: 920, Wt: 550 kg, 2× 780×620 mm tray area, 2.5 mm deflection at 90 kg, Max part height 320 mm, Air-lock
PFX-2100-05	PF X-XL 5× 90 kg tray w. Mechlock	H: 1050 mm, W: 1420, L: 920, Wt: 685 kg, 5× 780×620 mm tray area, 2.5 mm deflection at 90 kg, Max part height 160 mm, Mech-lock
PFX-2101-05	PF X-XL 5× 90 kg tray w. Airlock	H: 1050 mm, W: 1420, L: 920, Wt: 700 kg, 5× 780×620 mm tray area, 2.5 mm deflection at 90 kg, Max part height 160 mm, Air-lock
PFX-2100-10	PF X-XL 10× 90 kg tray w. Mechlock	H: 1050 mm, W: 1420, L: 920, Wt: 725 kg, 10× 780×620 mm tray area, 2.5 mm deflection at 90 kg, Max part height 80 mm, Mech-lock
PFX-2101-10	PF X-XL 10× 90 kg tray w. Airlock	H: 1050 mm, W: 1420, L: 920, Wt: 725 kg, 10× 780×620 mm tray area, 2.5 mm deflection at 90 kg, Max part height 80 mm, Mech-lock

# EasyRobotics®

*- we move your parts*

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