

The simple pressing  
of cheese mass



# CHEESE PRESSES

MS-U | PPS-U | PPS-A | PPS-AU | PPS-H

**PLEVNIK**

Add value to milk.

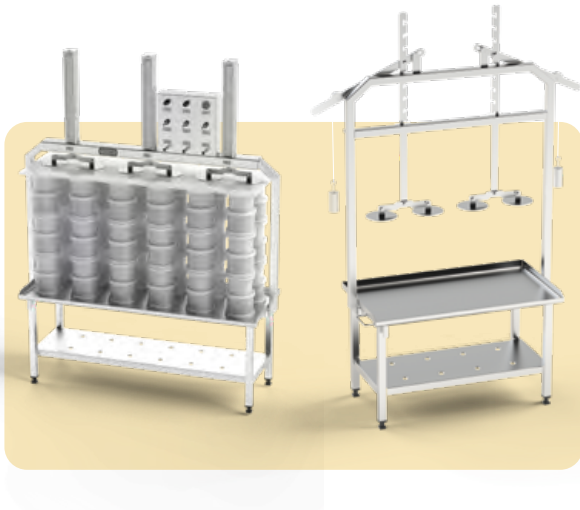
# The pressing of cheese mass

**Presses** are devices for pressing various quantities of cheese mass in moulds. They are suitable for making **semi-hard and hard cheeses** in various batches.

They enable evenly pressing and therefore better **quality control of cheeses** in different shapes, and are distinguished by the following:

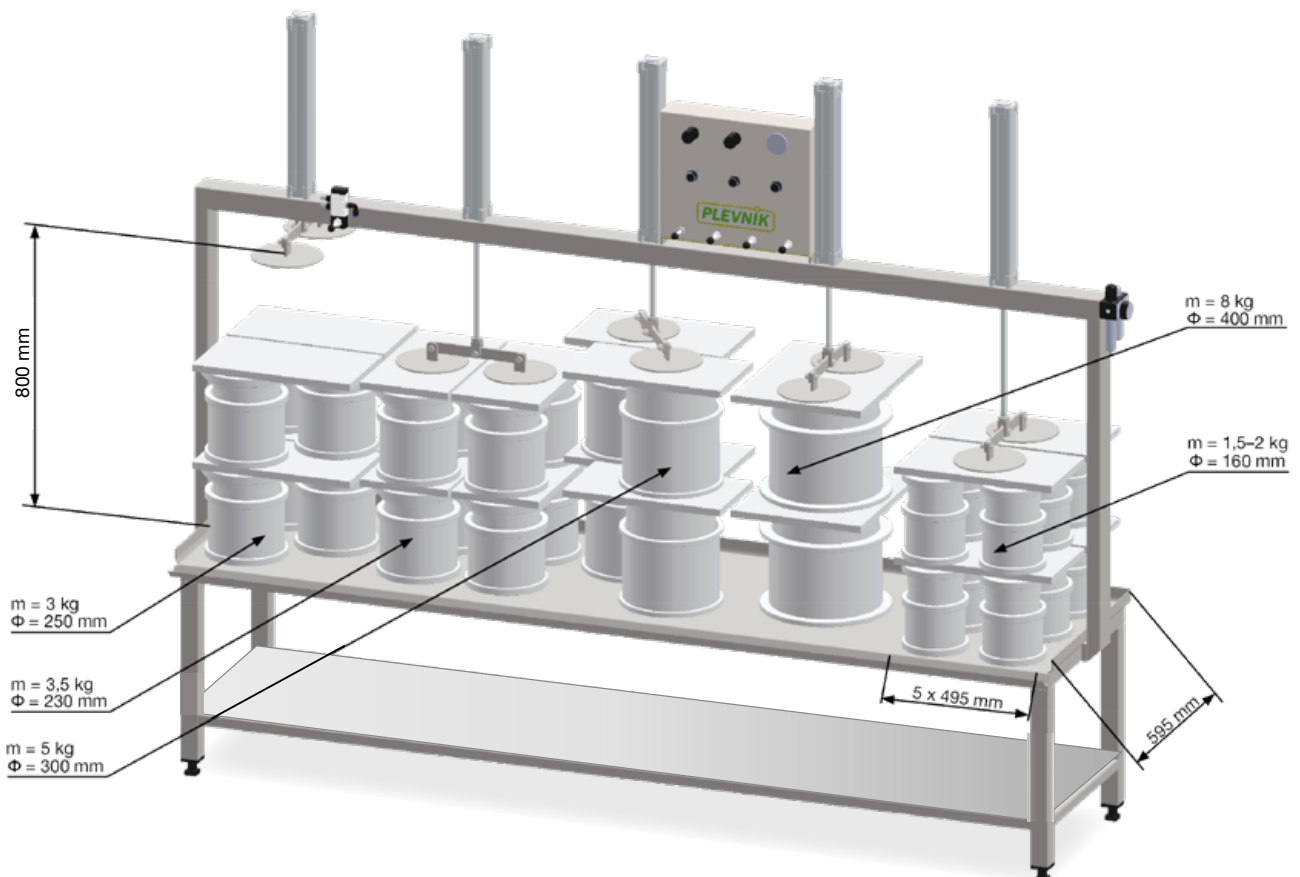
- ➔ **Simple to use**
- ➔ **Robust and compact construction**
- ➔ **Quality of manufacture**
  - Made from high-quality AISI 304 steel

They are available in different pressing capacities of between 50 and 300 kg of cheese mass.<sup>1)</sup>



## STACKING

Stacking of cheese moulds<sup>2)</sup> in presses types PPS-U and MS-U:



1) Presses may be customized to customer needs (cheese size and dimension), subject to special order.

2) Applies to cheese moulds with outer diameters of 160–400 mm.

## Mechanical presses

### MS-U

#### mechanical press

for pressing 50–100 kg of cheese mass

#### High degree of flexibility

- Basic **mechanical press** with weights
- Suitable for cheese moulds with diameters of 160–400 mm
- Various weights for the **controlled** increase of pressing force (more weights - more force on cheese)
- Possibility of stacking cheese moulds **2–4 levels high** under one pressing point (depends on mould size)
- **Simple cleaning**

#### Additional equipment:

- Storage shelf under the press
- Intermediate pressing plates



## Pneumatic presses

### PPS-U

#### pneumatic press

for pressing 50–150 kg of cheese mass

#### High degree of flexibility

- Basic **pneumatic press** suitable for beginners as well as experts
- Suitable for cheese moulds with diameters of 160–400 mm
- Comes with standard **manual one-stage pressure regulation**
- Pressure regulator for determining the pressing force 20–120 kg on pressing point
- Possibility of stacking cheese moulds **2–4 levels high** under one pressing point (depends on mould size)
- **Simple cleaning**

#### Additional equipment:

- Manual three-stage pressure regulation
- Automatic pressing using a controller (pressure/time)
- Storage shelf under the press
- Intermediate pressing plates
- Bigger pressing force (40–185 kg) on pressing point



## Pneumatic presses

### PPS-A

#### vertical pneumatic press

for pressing up to 240 kg of cheese mass

#### Space saving and mobility

- Efficient use of space
- Support on wheels provides **mobility** and **easy moving around**
- Suitable for one dimension of cheese – usually used in larger cheese-making facilities
- Possibility of stacking cheese moulds **2-6 levels high** under one pressing point (depends on mould size)

#### Additional equipment:

- Manual three-stage pressure regulation
- Automatic pressing using a controller (pressure/time)
- Bigger pressing force (40-185 kg) on pressing point



## Pneumatic presses

### PPS-AU

#### vertical pneumatic universal press

for pressing up to 300 kg of cheese mass

#### Suitable for different cheese dimensions

- Efficient use of space
- Suitable for processing large quantities of cheese mass
- Possibility of stacking cheese moulds into **up to 5 levels** under one pressing point
- Press **customizing** depending on the end product
- Simple stacking and pressing of **various sizes of cheese**

#### Additional equipment:

- Manual three-stage pressure regulation
- Automatic pressing using a controller (pressure/time)





## Pneumatic presses

# PPS-A

## vertical pneumatic press

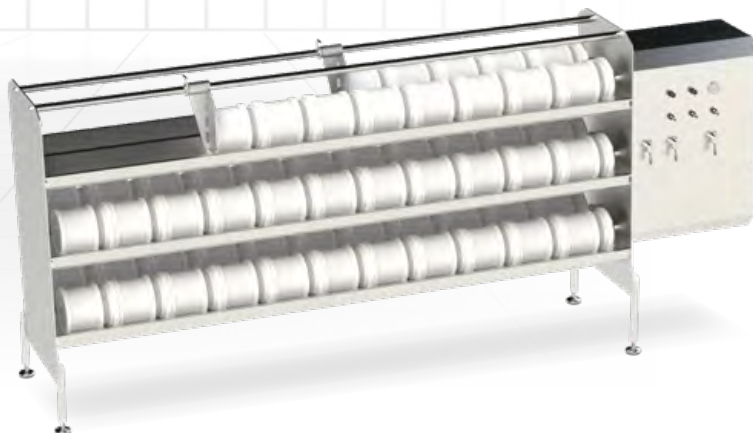
for pressing up to 240 kg of cheese mass

### Uniform compression of all models

- Same pressing force up to all moulds in a row
- Possibility of pressing 280 kg cheese in different moulds in **2–8 pressing rows**
- Suitable for cheeses with diameters up to 400 mm
- The press may be **adapted to the customer needs** with special guides for different cheese mould sizes

### Additional equipment:

- Three-stage pressure regulation (manual)
- Automatic pressing using a controller (pressure/time)
- Additional guides for different cheese sizes
- Bigger pressing force (40-185 kg) on pressing point



## Technical information:

Type	Number of pressing points/cylinders	The possibility of pressing up to (kg) of cheese <sup>(3)</sup> :	Pressing force (kg) <sup>(4)</sup>	Dimensions (mm)			Working height (mm)	Minimal compressed air flow 6 bar - (l/m)
				Length	Width	Height		
MS-U 2	2	50	10–140	1100	560	1700-2270	800	/
MS-U 4	4	100	10–140	2100	660	1700-2270	800	/
PPS-U 2	2	50	40–120	1100	560	2100	800	100
PPS-U 3	3	75	40–120	1600	560	2100	800	100
PPS-U 4	4	100	40–120	2100	660	2100	800	100
PPS-U 5	5	125	40–120	2600	660	2100	800	100
PPS-U 6	6	150	40–120	3100	660	2100	800	100
PPS-A 4	4	50	40–120	900	700	2200	1400	100
PPS-A 6	6	75	40–120	1150	700	2200	1400	100
PPS-A 8	8	100	40–120	1450	700	2200	1400	100
PPS-A 10	10	125	40–120	1700	700	2200	1400	100
PPS-A 12	12	150	40–120	1950	700	2200	1400	100
PPS-A 16	16	200	40–120	2500	700	2200	1400	100
PPS-A 20	20	240	40–120	3000	700	2200	1400	100
PPS-AU 2	2	100	100–300	1000	1000	2400	1250	100
PPS-AU 3	3	150	100–300	1500	1000	2400	1250	100
PPS-AU 4	4	200	100–300	2000	1000	2400	1250	100
PPS-AU 5	5	250	100–300	2500	1000	2400	1250	100
PPS-AU 6	6	300	100–300	3000	1000	2400	1250	100
PPS-H 2×300	2	40–70	40–120	3800	650 <sup>5</sup>	1500 <sup>5</sup>	3000	100
PPS-H 3×300	3	60–100	40–120	3800	650 <sup>5</sup>	1500 <sup>5</sup>	3000	100
PPS-H 4×300	4	80–140	40–120	3800	800 <sup>5</sup>	1500 <sup>5</sup>	3000	100
PPS-H 6×300	6	120–200	40–120	3800	800 <sup>5</sup>	1500 <sup>5</sup>	3000	100
PPS-H 8×300	8	160–280	40–120	3800	800 <sup>5</sup>	1700 <sup>5</sup>	3000	100

3) These values are indicative and apply to the standard version.

4) At one pressing point.

5) Depends on the mould size.

## Additional equipment

**Recommended!**



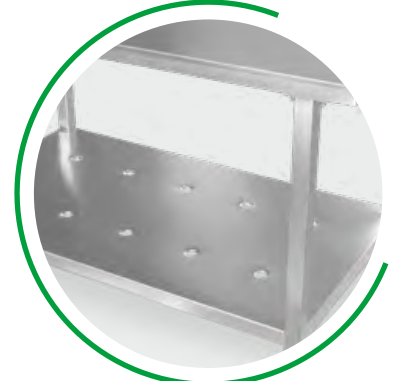
### Manual three-stage pressure regulation

Enables manual switching between 3 pre-set pressures, by using manual selecting switch (ON/OFF).



### Automatic pressing regulation

Automatic switching between 3 pre-set pressures and duration times. You can save 4 different programs with 3 steps.



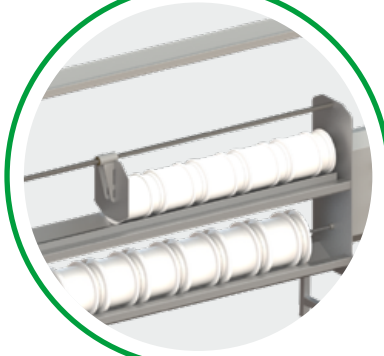
### Storage shelf under the press<sup>6)</sup>

For storing smaller items under the press.



### Intermediate plates for pressing<sup>7)</sup>

Provide for a more uniform pressing of stacked cheese moulds.



### Additional guides<sup>8)</sup>

Enable adapting to other cheese sizes, depending on customer needs.

### Other options:

→ Pressing moulds (2- and 3-part)

→ ...

6) Available for MS-U and PPS-U press types.  
7) Available for MS-U, PPS-U and PPS-A press types.  
8) Available for PPS-H press type.



# Complete dairy solutions





More information

In the process of constant improvements, we reserve the right to make technical and design modifications without prior notice.

# PLEVNIK

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Representative: