

Your bees - our passion



LYSON **N**
premium
line

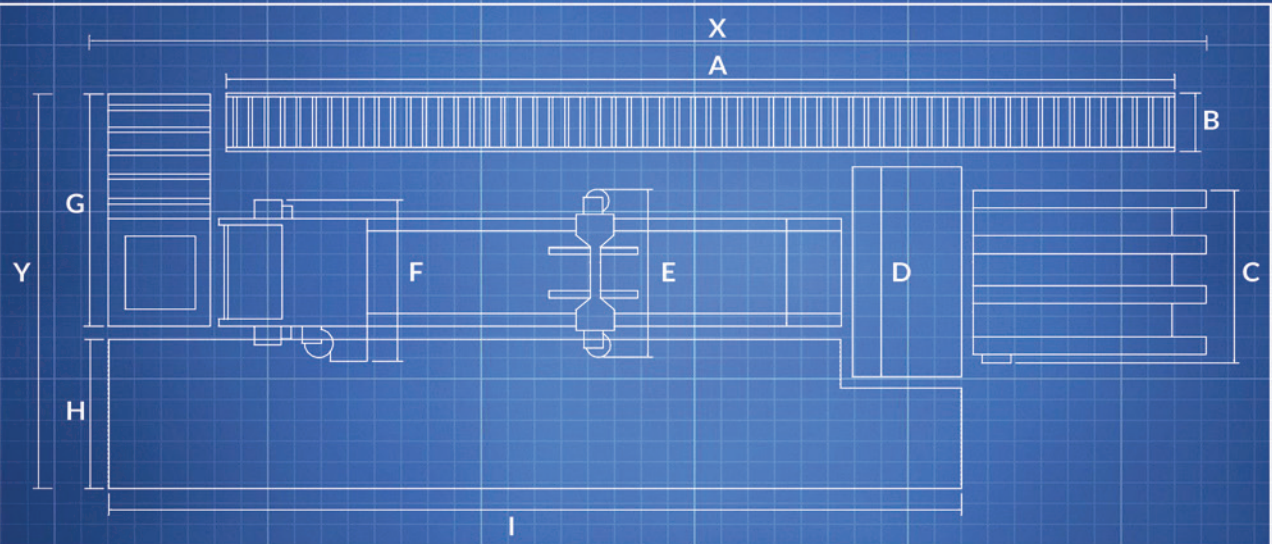
2017/2018

Automatic Honey Extracting Line - PREMIUM

premium
line



VIEW FROM THE TOP



HONEY EXTRACTING - PREMIUM LINE

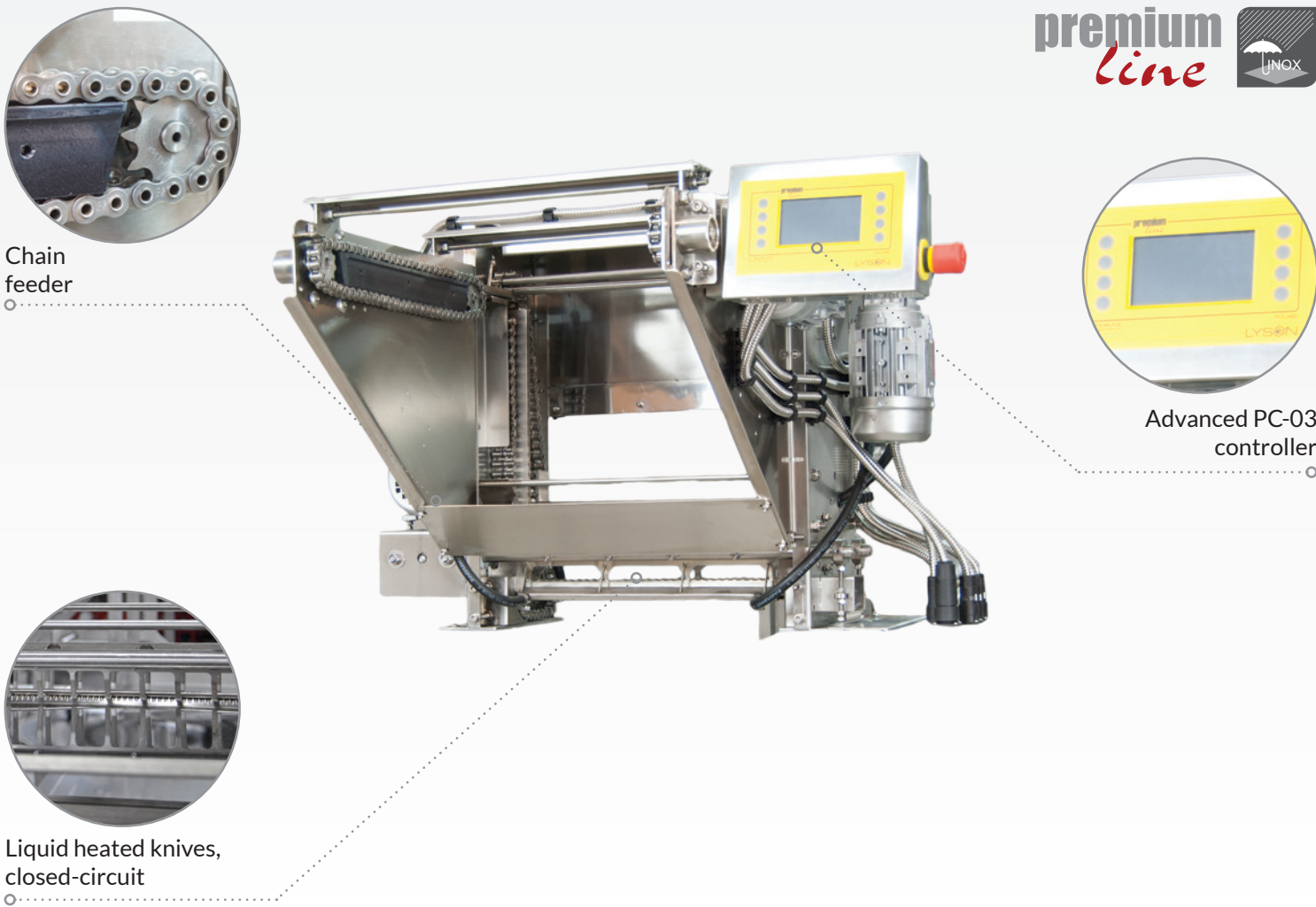
- Power supply - 400V,
- Overall power - 8,5 kW,
- Pneumatic power supply - 4 bary,
- The line is equipped with a control cabinet allowing to connect all the components to the whole line. One 5-pin plug required.
- 1 meter of free space around the Line is recommended.

Dimensions [mm]:

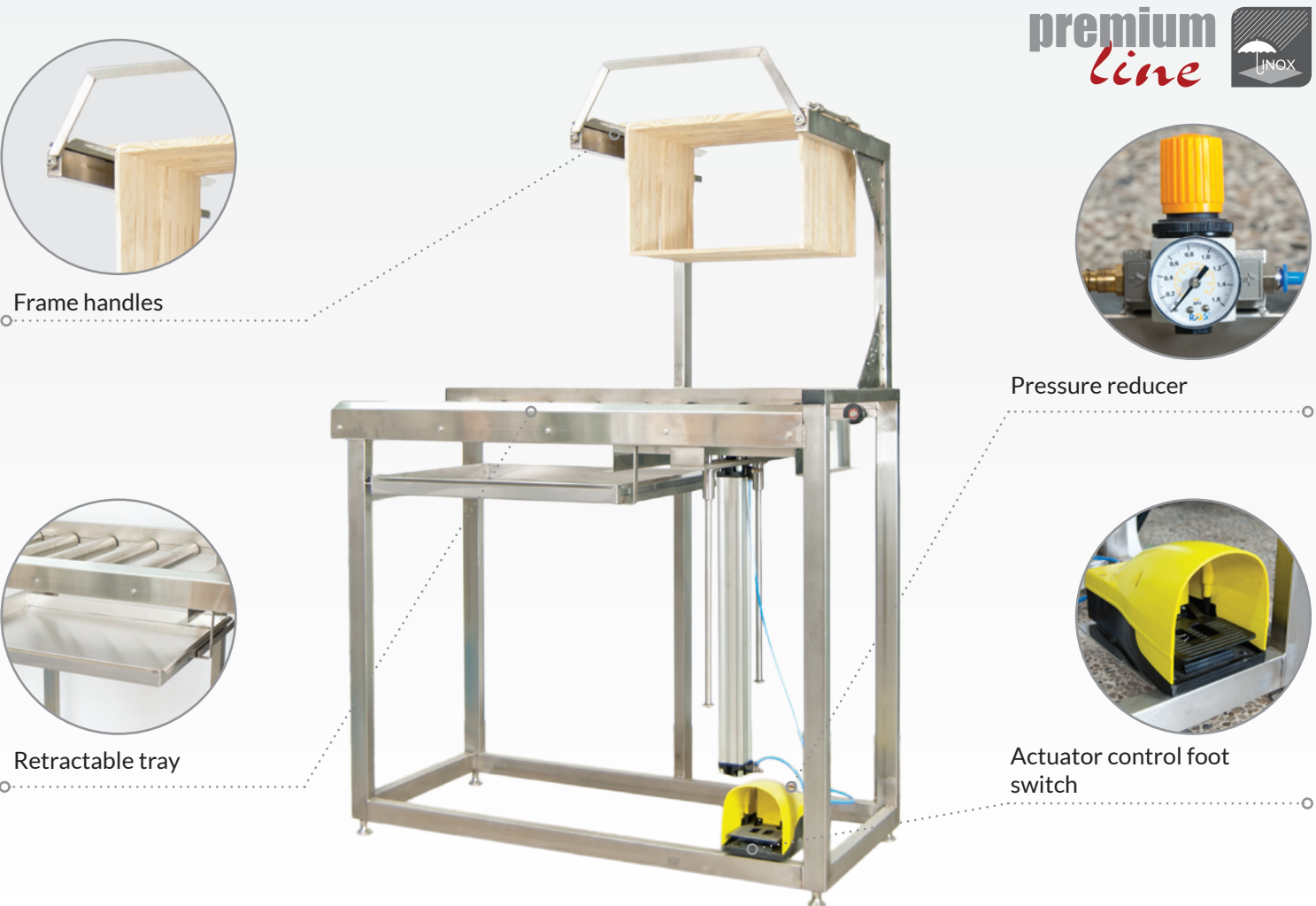
A	B	C	D	E	F	G	H	I	X	Y
6000	600	1350	1800	1000	1050	1250	1000	6000	7000	2250


The dimensions given may differ depending on the frame type

Automatic frame uncapper - **A**



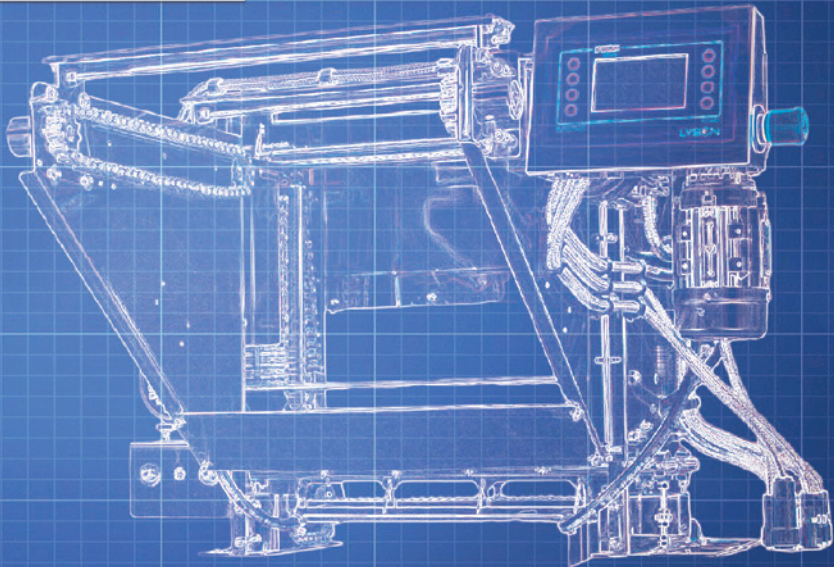
Pneumatic frame ejector - **A1**



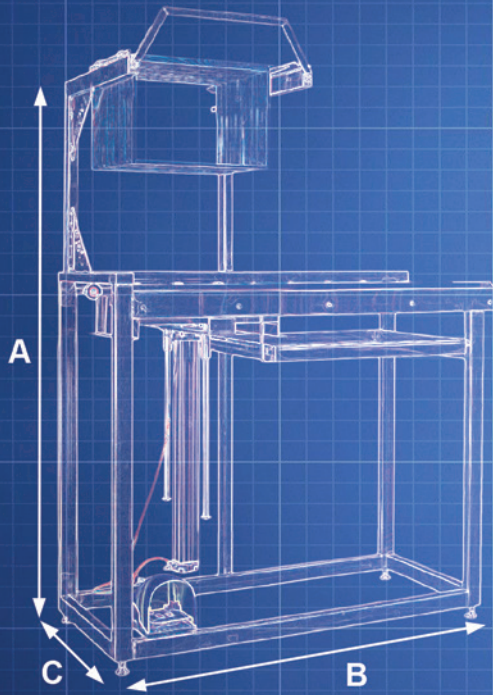
 Uncapping efficiency: 5-8 frames / min. according to the frame type	 Blade drive: 0.18 kW Frame feeder: 2 × 0.12 kW Chain conveyor: 2 × 0.09 kW	 Liquid heated knives in a closed-circuit	 Knives' max. temp.: 95°C	 Working pressure: 2-4 bars	 Chain conveyor's frame capacity: 10 frames	 Frame ejector's speed regulation
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AUTOMATIC **LYSON**
FRAME UNCAPPER

- PC-03 controller:**
- intuitive menu,
 - color display,
 - possibility of adjusting the engine speed and the direction of the retraction,
 - adjustable knife temperature,
 - emergency button to stop the machine



PNEUMATIC **LYSON**
FRAME EJECTOR

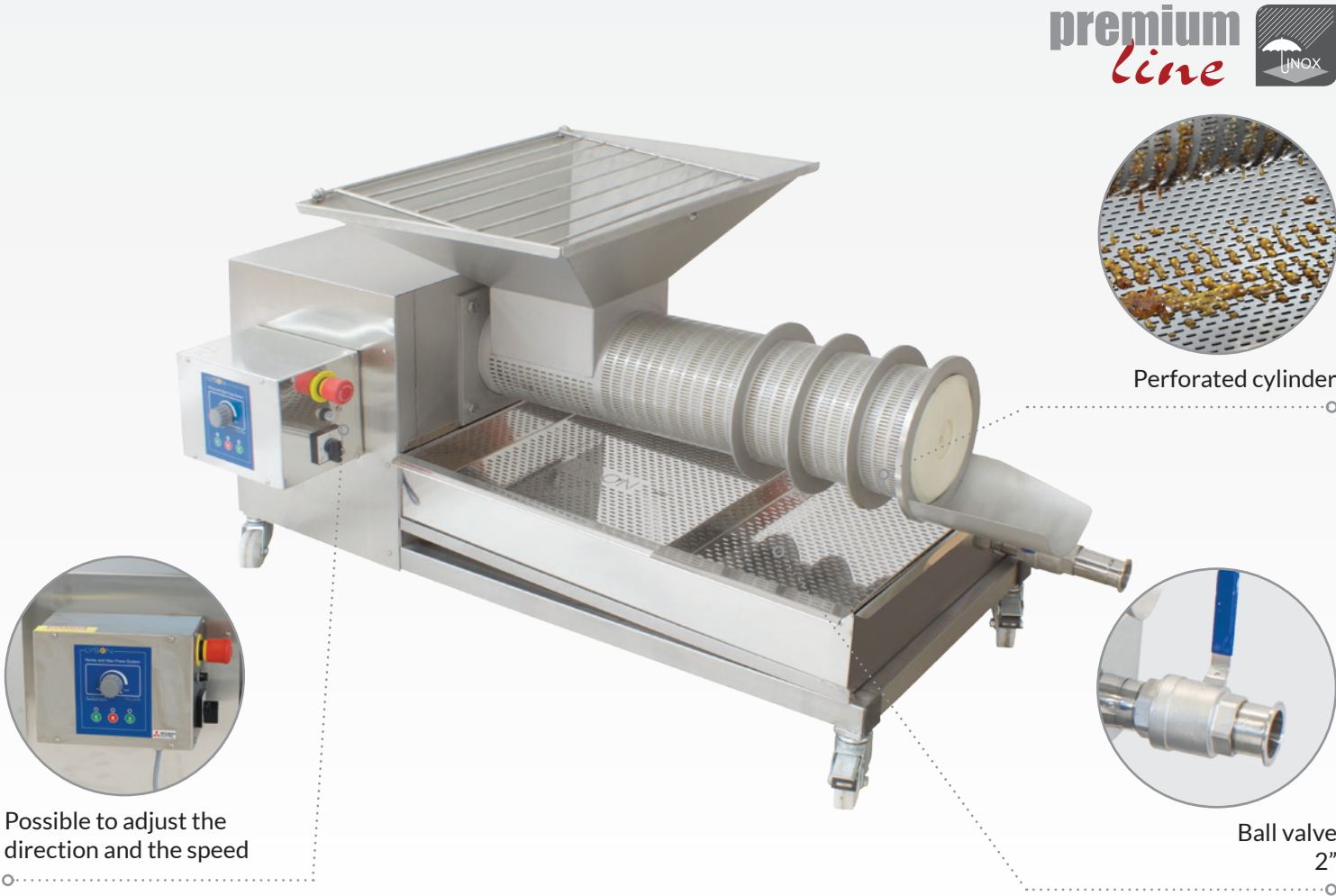


Dimensions:

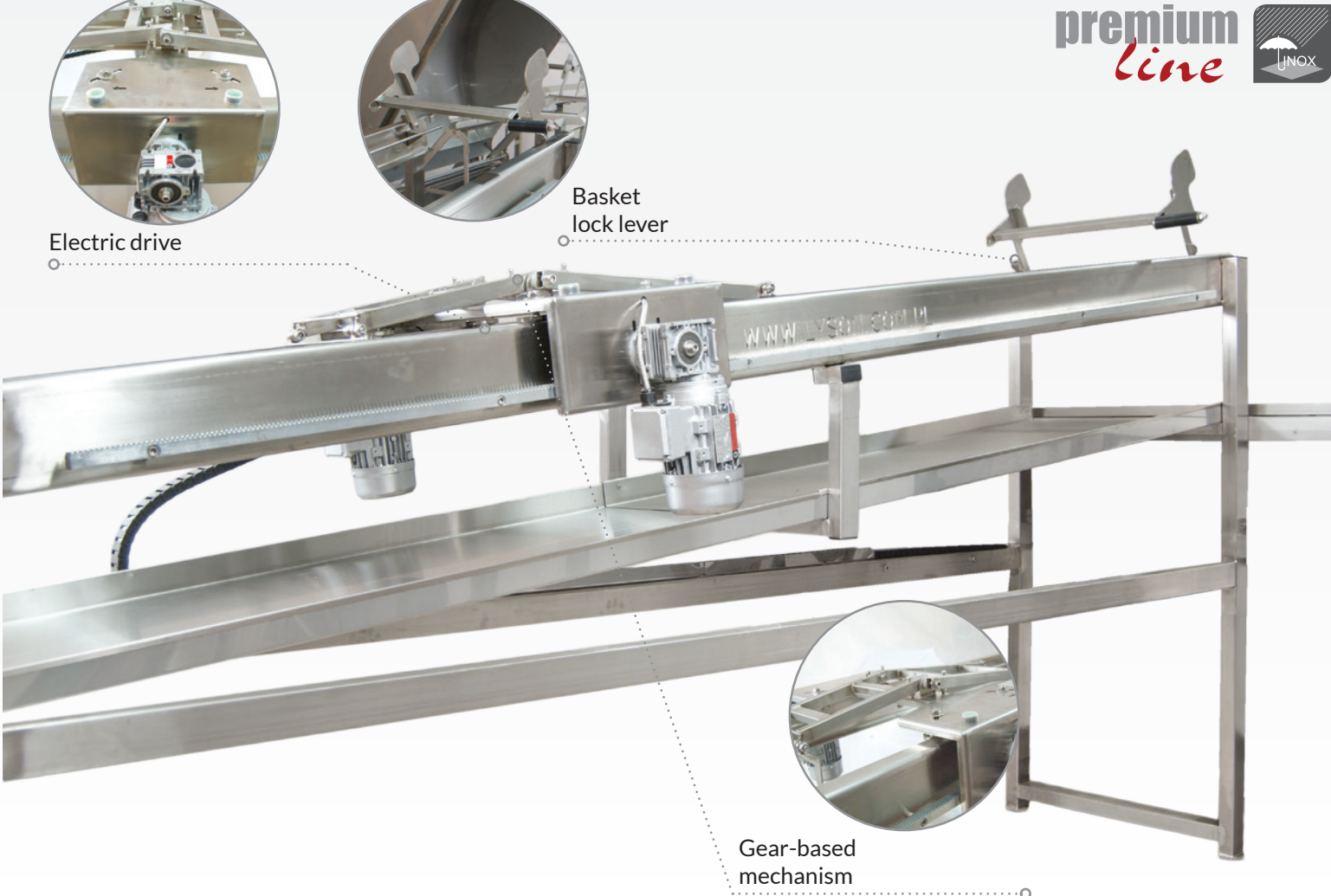
A	B	C
1700 mm	1200 mm	600 mm

The dimensions given may differ depending on the frame type

Capping extruder - B



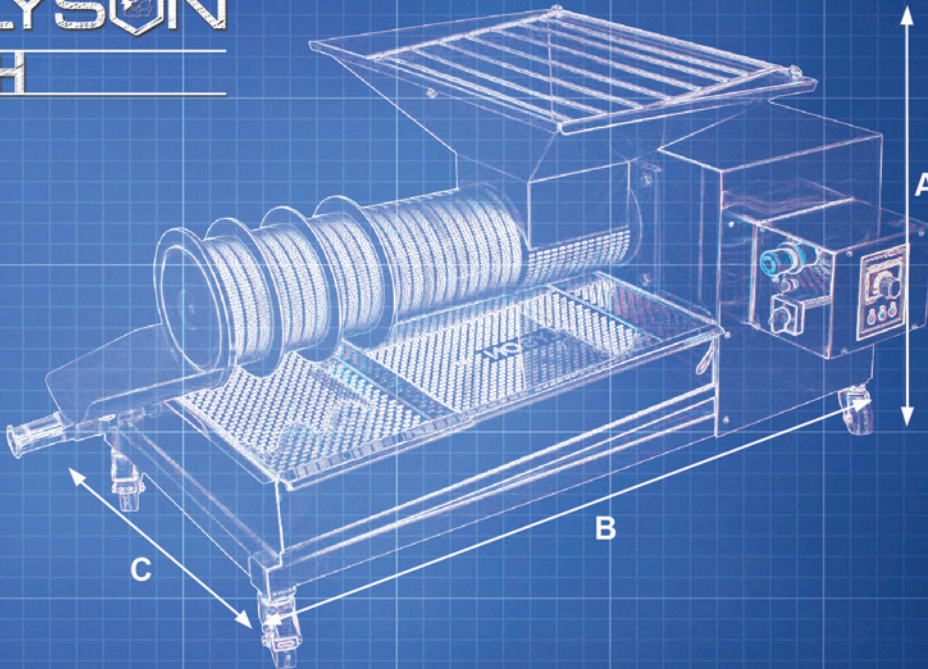
Frame feeder with an electric trolley - C



- Extrusion efficiency: 200 kg/h
- Engine's power: 2,2 kW
- Wheels with a locking system
- Regulated engine speed - max. 5 r.p.m.

- Placement: front-back
- Track capacity: 80 frames
- Engine's power: 2x0,22 kW

CAPPING EXTRUDER 200 KG/H LYSON

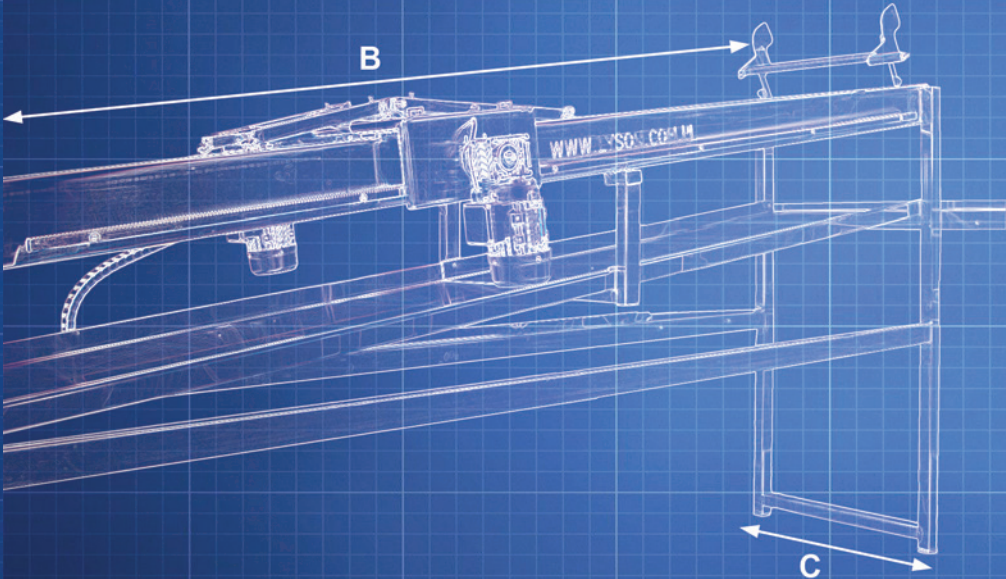


Dimensions:

A	B	C
920 mm	1350 mm	750 mm

The dimensions given may differ depending on the frame type

FRAME FEEDER WITH AN ELECTRIC TROLLEY LYSON



Dimensions:

A	B	C
1800 mm	3500 mm	800 mm

The dimensions given may differ depending on the frame type

Vertical sieve with a pump - D



- The sieve equipped with a honey level sensor
- Sieve capacity: ~180 l
- Pump efficiency: 1500 l/h
- Pump's power: 1,5 kW
- Extractor's capacity: 80 ramek
- Extractor's efficiency: 800 kg/h
- Engine's power: 1,5 kW
- Basket rotation max 280 r.p.m.

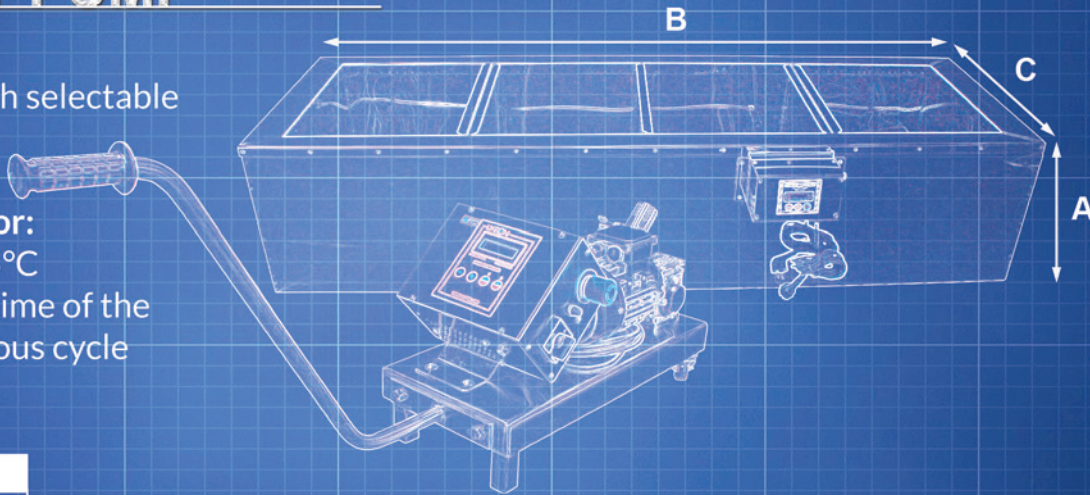
VERTICAL SIEVE LYSON WITH A HONEY PUMP

- Pump control:**
- Simple potentiometer with selectable pump direction
- Sieve temperature regulator:**
- Temperature range 30-55°C
 - The maximum operating time of the controller is 96h in continuous cycle

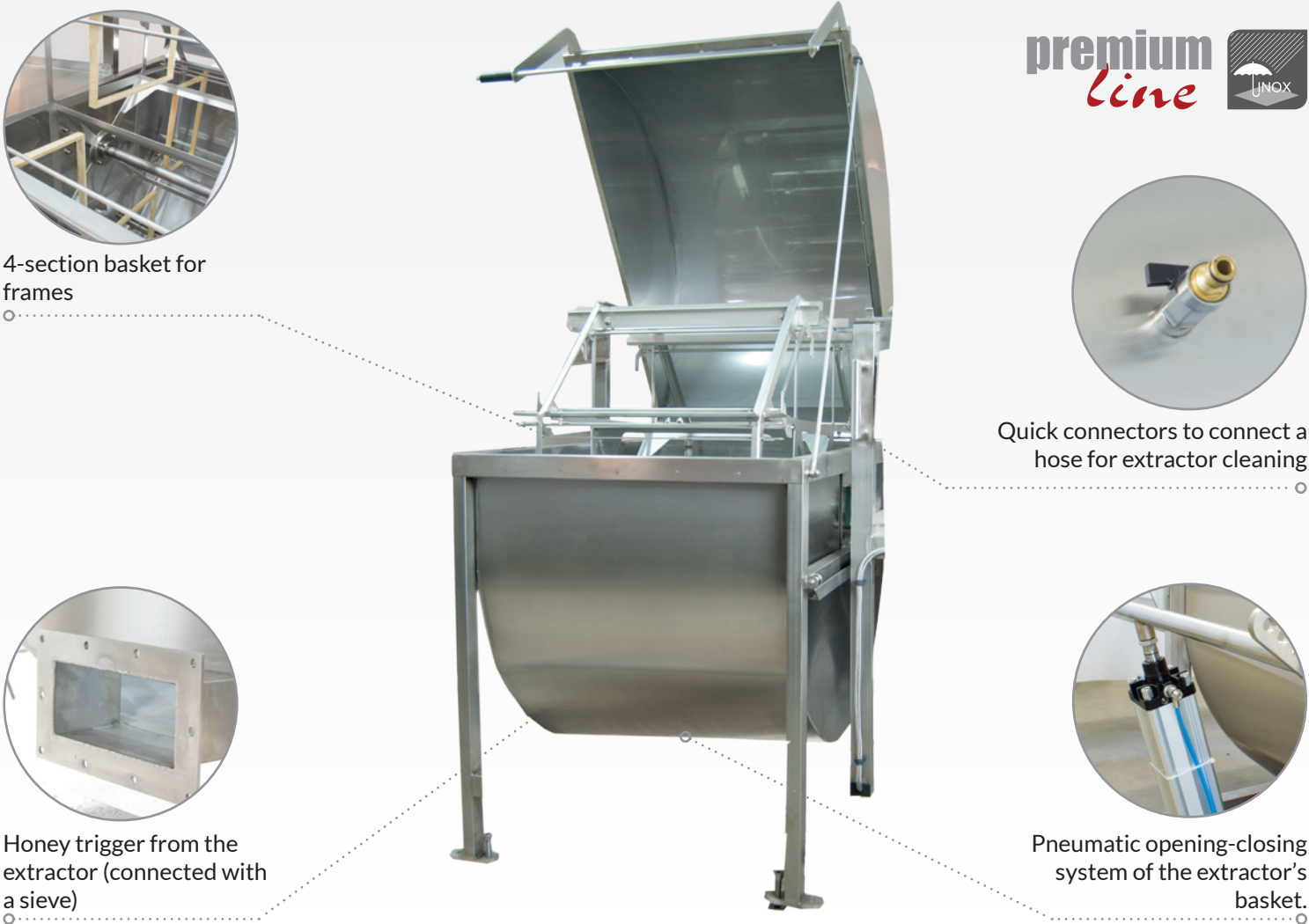
Dimensions:

A	B	C
350 mm	1500 mm	600 mm

The dimensions given may differ depending on the frame type



Horizontal honey extractor - E



- The sieve equipped with a honey level sensor
- Sieve capacity: ~180 l
- Pump efficiency: 1500 l/h
- Pump's power: 1,5 kW
- Extractor's capacity: 80 ramek
- Extractor's efficiency: 800 kg/h
- Engine's power: 1,5 kW
- Basket rotation max 280 r.p.m.

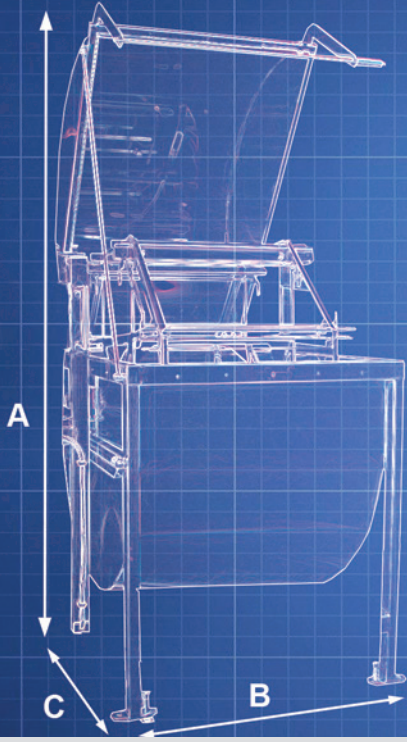
HORIZONTAL EXTRACTOR LYSON

- HR-03 control:**
- intuitive interface
 - 4.3" color display
 - 7 automatic programs
 - 2 manual programs
 - spin cycle displayed on the display
 - control of the opening / closing of the cover

Dimensions:

A	B	C
2500 mm	1200 mm	1800 mm

The dimensions given may differ depending on the frame type



Double receiver for extracted frames - F



Extractor's controller - HE-03



Chassis adjusting the position of the receiver



premium line 



2 sections for extracted frames

Body transporter - G



Hooks to facilitate the folding of the conveyor



premium line 



Rolls to facilitate the efficient transport of the bodies



Easy position adjustment relative to the extractor's drum



Length: 1500 mm



Capacity: Up to 80 frames depending on the type



Total length: 6000 mm

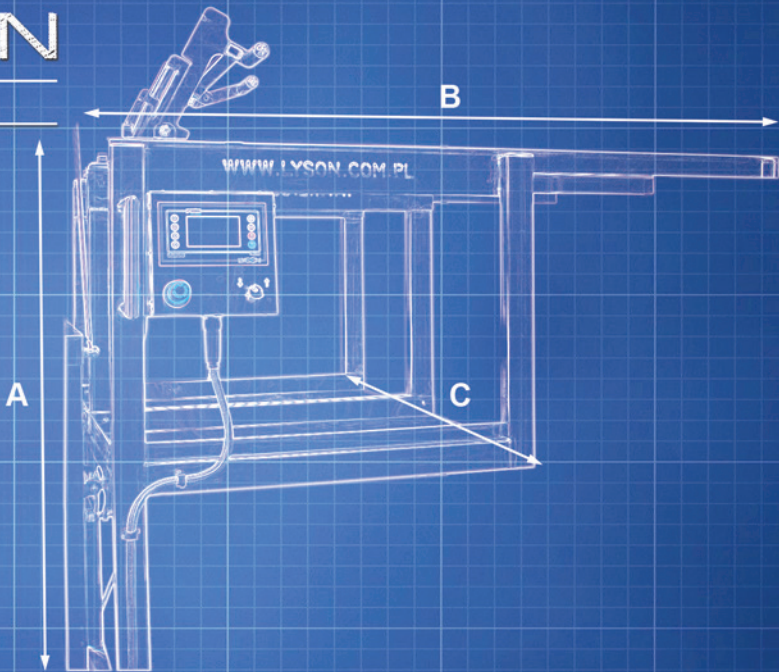


Length of one module: 2000 mm



Easy, module assembling

DOUBLE RECEIVER FOR FRAMES LYSON

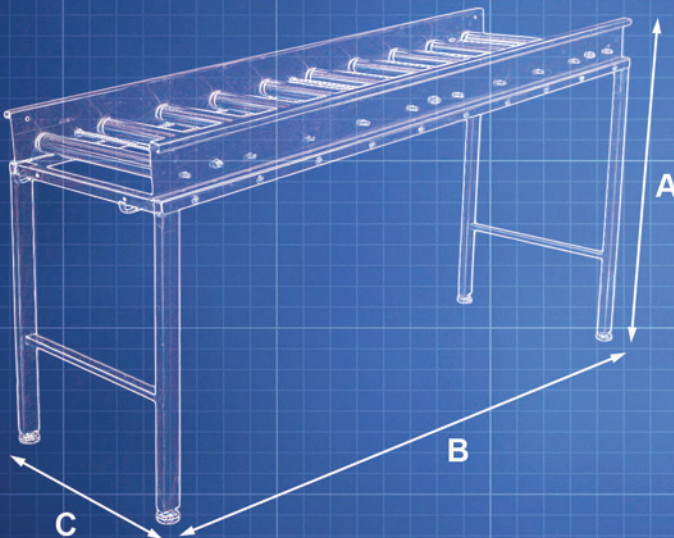


Dimensions:

A	B	C
1200 mm	1500 mm	1300 mm

The dimensions given may differ depending on the frame type

BODY TRANSPORTER LYSON



Dimensions:

A	B	C
1100 mm	2000 mm	650 mm

The dimensions given may differ depending on the frame type



B
Mechanical
uncapping
machine



C
Cappings
extruder
100 kg/h



E
Honey sump
with a pump



A
Horizontal
extractor
400 kg/h



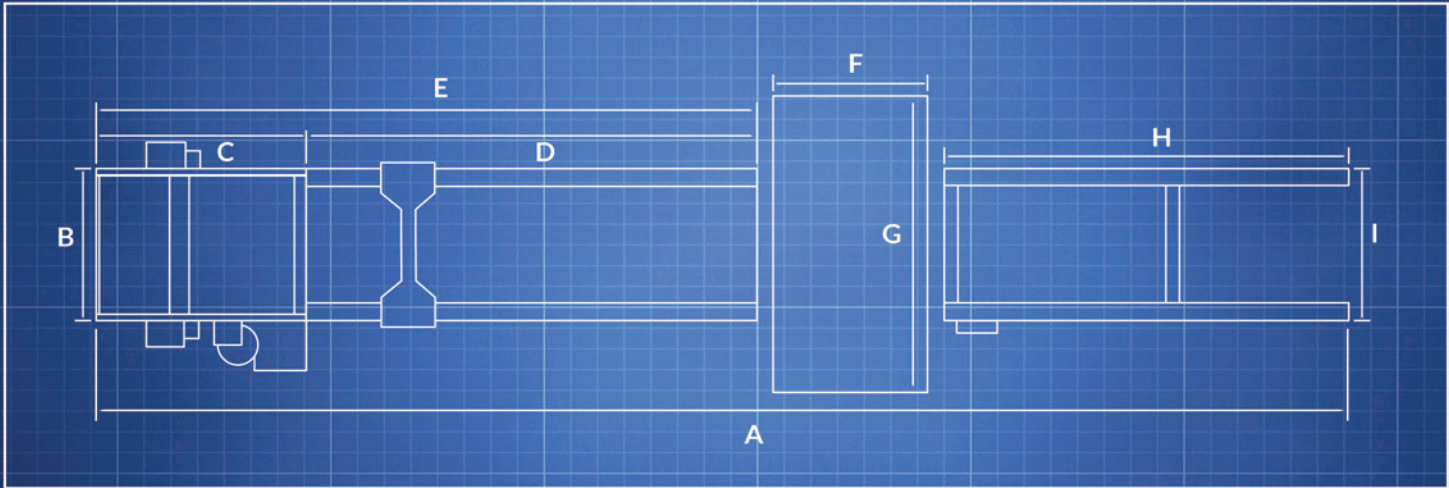
F
Extracted
frame
hanger



D
Extractor
frame loader



VIEW FROM THE TOP



OPTIMA EXTRACTING LINE

- Power supply - 230V,
- Overall power - 4 kW,
- One 5-pin plug required to connect whole line.,
- 1 meter of free space around the Line is recommended.

Dimensions [mm]:

A	B	C	D	E	F	G	H	I
4900	600	450	2050	2500	900	1300	1500	650

The dimensions given may differ depending on the frame type

Horizontal extractor - A



Uncapping machine - B



Extractor efficiency:
400 kg/h



Extractor capacity:
40 frames (2 sections)



Motor power:
0,75 kW



Advanced auto-
matic controller
HE-03



Heated knives with
closed circuit



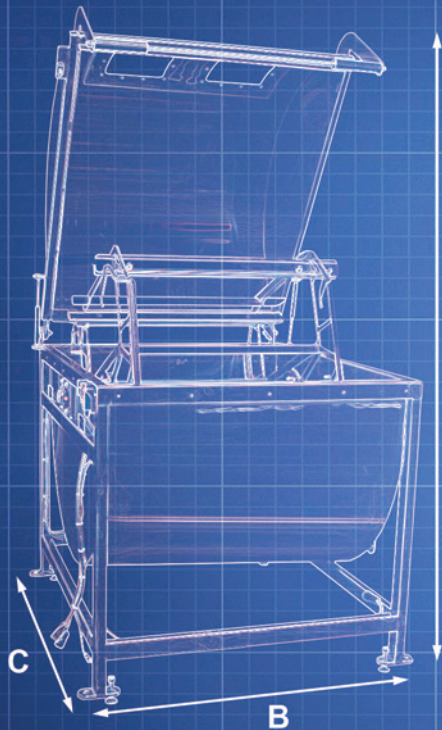
Uncapping efficiency:
5-8 frames/min



Blade drive:
0,18 kW



Frame moving
drive: 0,12 kW



HORIZONTAL EXTRACTOR

LYSON

HE-03 controller:

- intuitive interface
- 4,3" colour screen
- 7 automatic programs
- 2 manual programs
- extracting progress shown on the screen
- possibility of setting own extracting cycle

Dimensions:

A	B	C
2000 mm	1200 mm	1300 mm

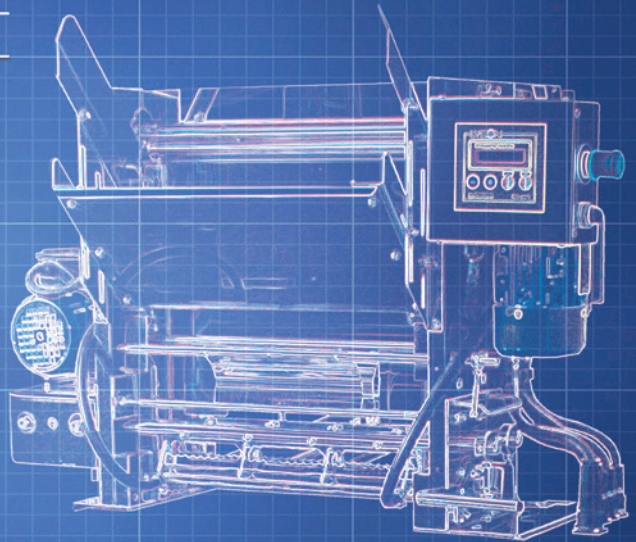
The dimensions given may differ depending on the frame type

MECHANICAL UNCAPPING MACHINE

LYSON

PC-02 controller:

- LCD screen
- regulation of knives temperature
- safety switch stopping work of device

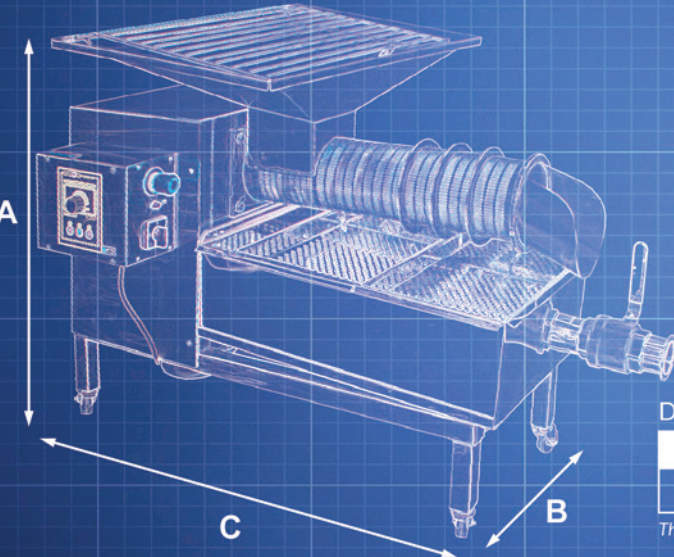


Cappings extruder - C



-  Extrusion efficiency: 100 kg/h
-  Engine's power: 0,55 kW
-  Wheels with a lock system for easier transport
-  Adjustable engine speed - 9 r.p.m. max.
-  Placement: front-back
-  Manual drive
-  Length: 2100 mm
-  Capacity: up to 40 frames depending on the type of the frame

CAPPINGS LYSON
EXTRUDER 100 KG/H



Dimensions:

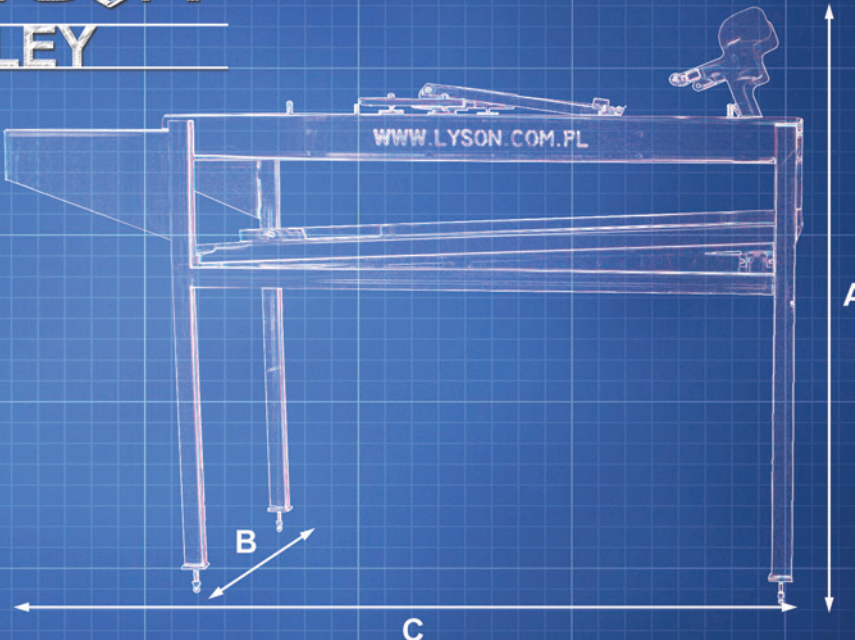
A	B	C
820 mm	720 mm	1150 mm

The dimensions given may differ depending on the frame type

Frame feeder with manual trolley - D



FRAME FEEDER LYSON
WITH MANUAL TROLLEY

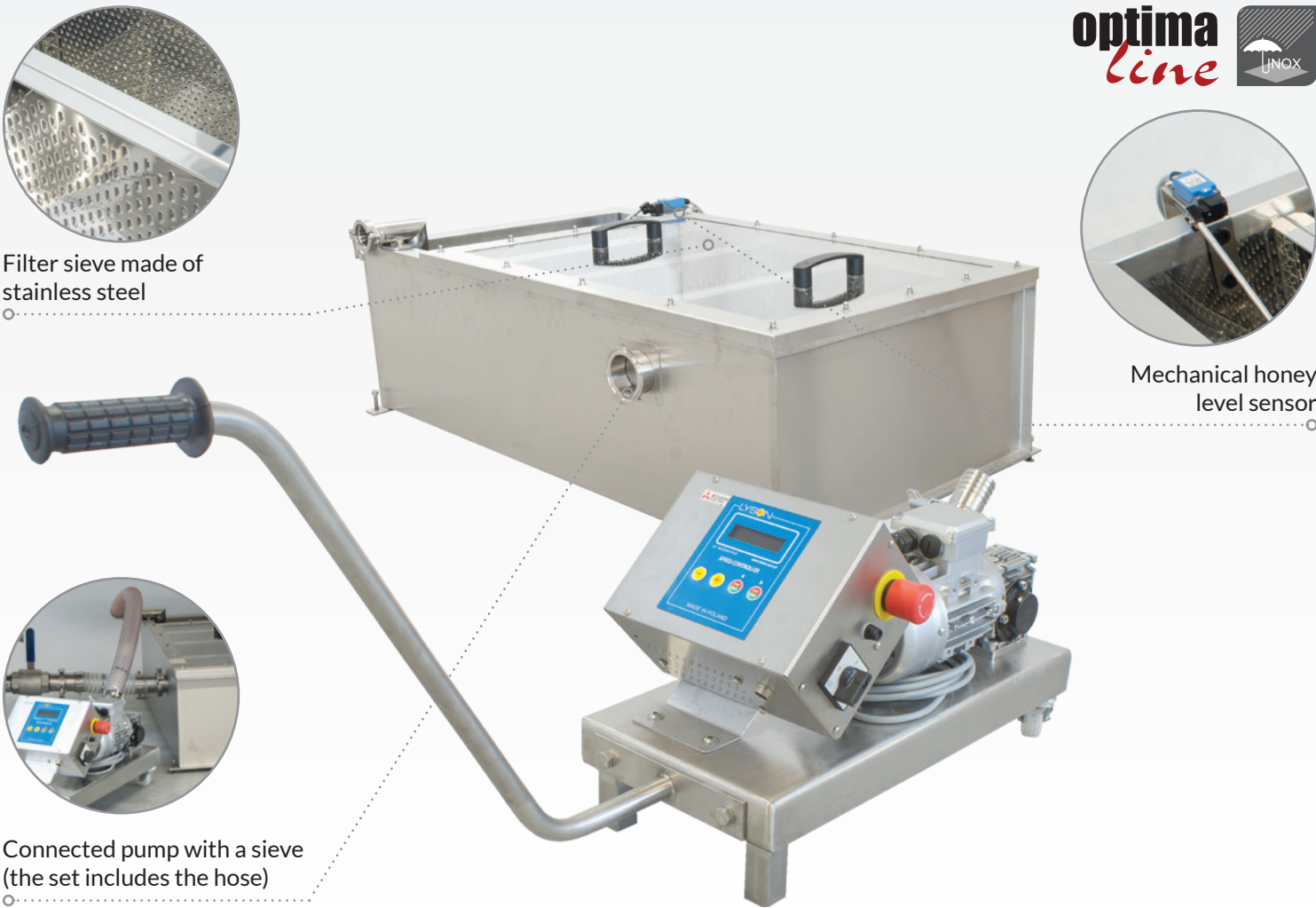


Dimensions:

A	B	C
1400mm	730 mm	2100 mm

The dimensions given may differ depending on the frame type

Vertical sieve with a pump - E



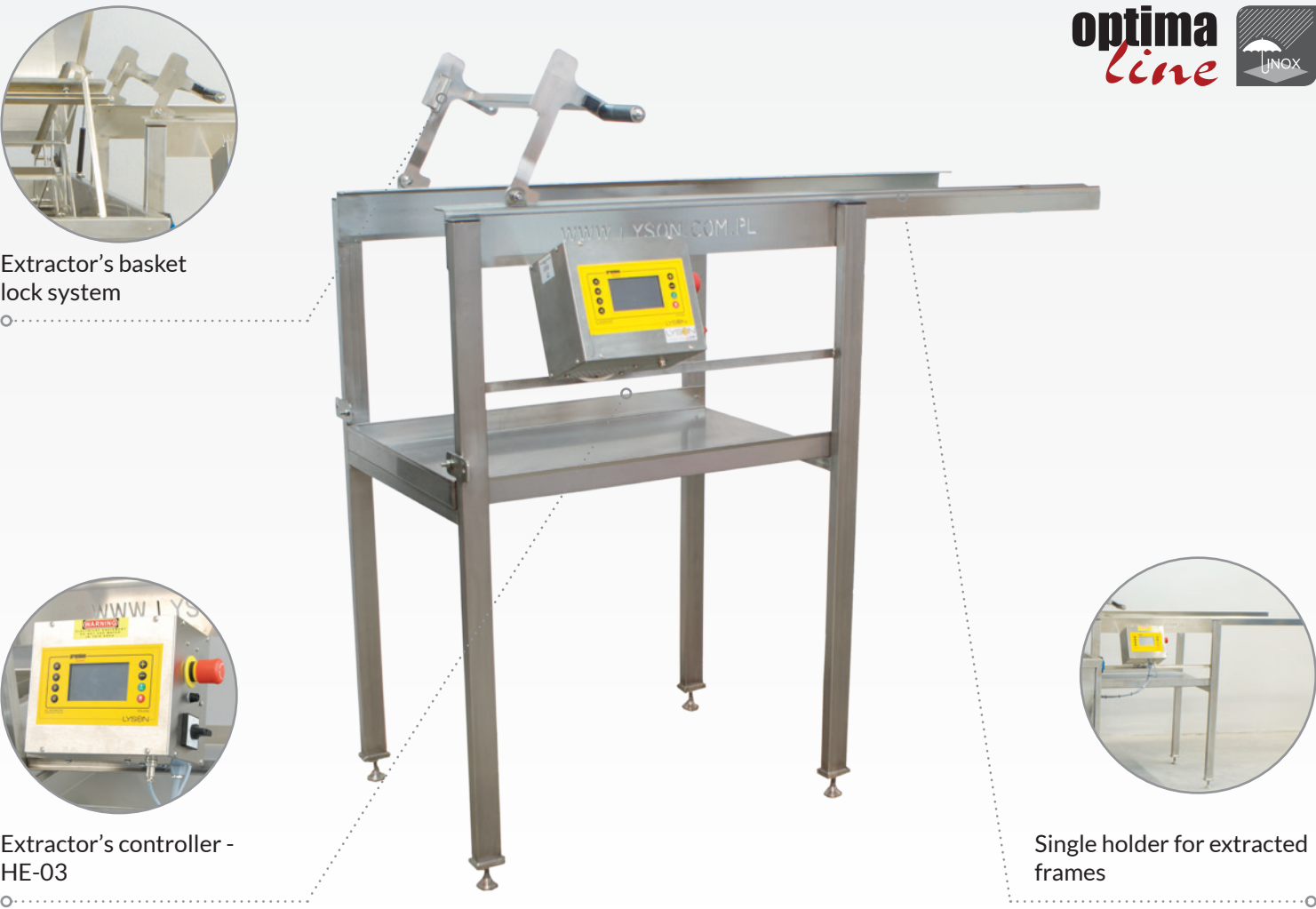
Sieve with heated bottom

Sieve's capacity ~120 l

Pump's efficiency: 900 l/h

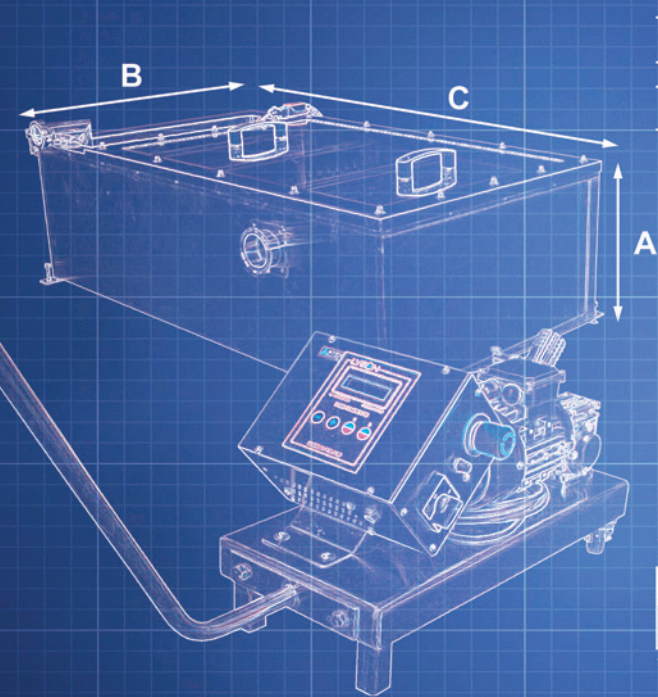
Pump's power: 0,37 kW

Extracted frames receiver - F



Length: 1500 mm

Capacity: up to 40 frames



VERTICAL SIEVE LYSON
WITH A HONEY PUMP

Dimensions:

A	B	C
350 mm	600 mm	1000 mm

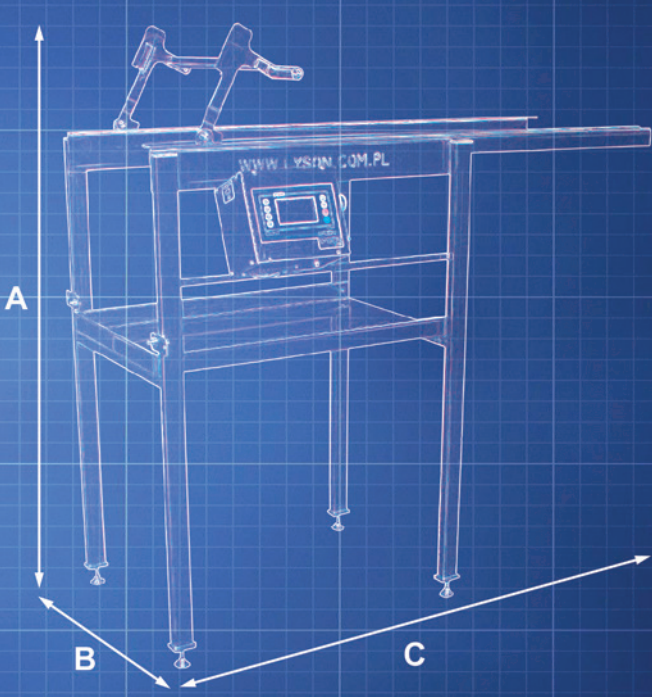
The dimensions given may differ depending on the frame type

EXTRACTED FRAMES RECEIVER LYSON

Dimensions:

A	B	C
1300mm	700 mm	1500 mm

The dimensions given may differ depending on the frame type



Automatic Honey Dosing Line



Dosage accuracy:

- 0-1200 g - 1%
- >1200 g - 1,5%



Adjustable
guide rail

premium
line



Jar sensor (under the
dosage element)



Length:
3800 mm



Every element has
a separate control



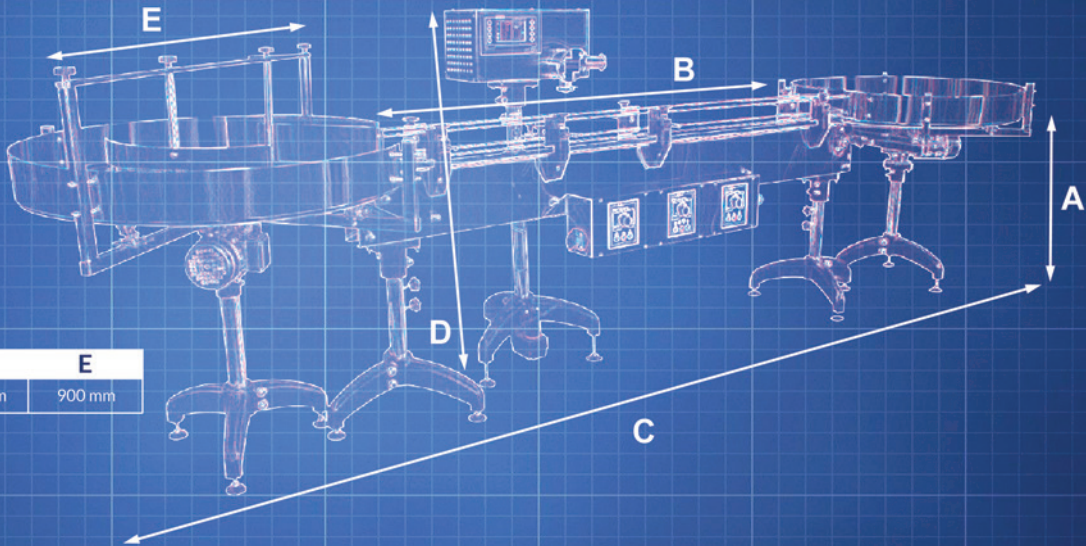
Compatible jars:
from 250 g up to
1250 g



Tables power: 120W/pc
Dosing power: 180W
Transporter power: 370W

AUTOMATIC HONEY DOSING LINE

LYSON



Dimensions:

A	B	C	D	E
820 mm	2000 mm	3800 mm	1300 mm	900 mm



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Labeler for Automatic Honey Extracting Line



Max. label height:
120 mm



Diameters of the rolls with labels:
Internal: 40-76 mm
External: 240 mm



Power supply:
230V



Working pressure:
2-4 Bars

W4086

Labeler for Automatic Honey Extracting Line

premium
line

External dimensions
of the device:
» Length: 750 mm
» Width: 900 mm
» Height: 950 mm

Tanks for Automatic Honey Extracting Line



Capacity:
300 l



Power
supply:
230V



Heaters' power: 750W



An electronic
honey level
sensor



2 ball valves 6/4"



Two-chamber, heated
tank

W7051

2-chamber heated tank, 300L,
with a stand for honey dosing line



Capacity:
100 l



Power
supply:
230V



Heaters' power:
440W



An electronic
honey sensor
level



Ball valve 5/4"



Heated tank

W7052

2-chamber heated tank, 100L,
with a stand for honey dosing line



www.lyson.com.pl



Stainless settlers



premium
line



Ball valve



An electronic
honey level
sensor



Honey Level
Indicator

ID	Name
W852	Honey tank 500 l (~675 kg) with stainless cover and integrated stand
W852P	Honey tank 500 l (~675 kg) with stainless cover, integrated stand and heating system
W852M	Honey tank 500 l (~675 kg) with acrylic cover, integrated stand and mixer
W852MP	Honey tank 500 l (~675 kg) with acrylic glass cover, integrated stand, mixer and heating system
W853	Honey tank 1000 l (~1350 kg) with stainless cover and integrated stand
W853P	Honey tank 1000 l (~1350 kg) with stainless cover, integrated stand and heating system
W853M	Honey tank 1000 l (~1350 kg) with acrylic cover, integrated stand and mixer
W853MP	Honey tank 1000 l (~1350 kg) with acrylic glass cover, integrated stand, mixer and heating system
W854	Honey tank 2000 l (~2700 kg) with stainless cover and integrated stand
W854P	Honey tank 2000 l (~2700 kg) with stainless cover, integrated stand and heating system
W854M	Honey tank 2000 l (~2700 kg) with acrylic cover, integrated stand and mixer
W854MP	Honey tank 2000 l (~2700 kg) with acrylic glass cover, integrated stand, mixer and heating system

Settler with a pump for honey filtration



Power
supply:
400V



Barrel capacity:
200 l



An electric
honey level
sensor



Pump's power:
0,37 kW



Efficiency:
900 l/h

Principle of operation:

1. Connect the hose to the lid and pump the honey to the pump tank (it is possible to change the tip from the side where pump is included).
2. Attach the hose to the pump on the tank and the other end we put into an additional tank.
3. Turn on the device and start filtering.

W370

Settler with a pump for honey filtration



Pressure honey filter



Filter length:
1000 mm



Filter diameter:
120 mm



Holes diameter:
~1 mm



Honey temp. should not be
higher than 30°C

W365

Pressure honey filter

In the standard version all the components of the pressure filter (jacket, bottoms, perforated filter, connection pipes, etc.) are made of acid-resistant high quality stainless steel.

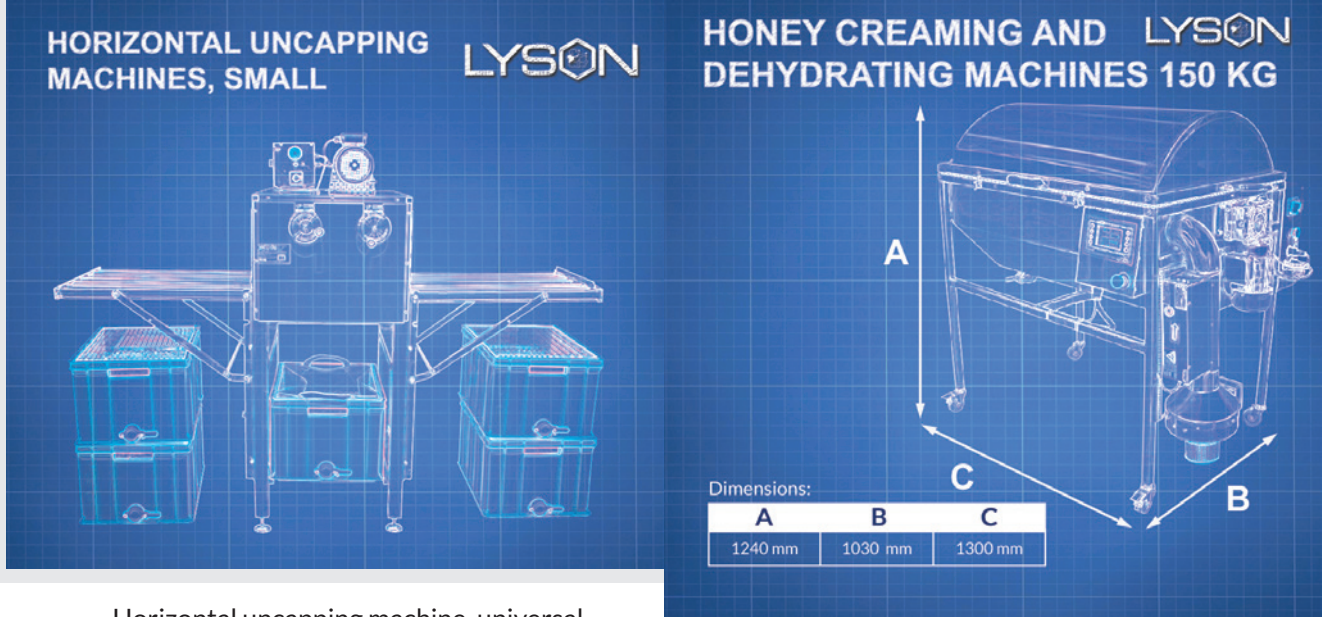
Honey with the pump is pumped into the filter and the pressure inside is controlled by a pressure switch, which will shut down the pump operation in case of a choked filter.

The device has SMS connectors for removal and cleaning. The kit comes with a key.

The control supports the operation of 230 V and 400 V pumps.



Horizontal uncapping machines



W20976 Horizontal uncapping machine, universal, with uncapping strainers



Frames manually moved



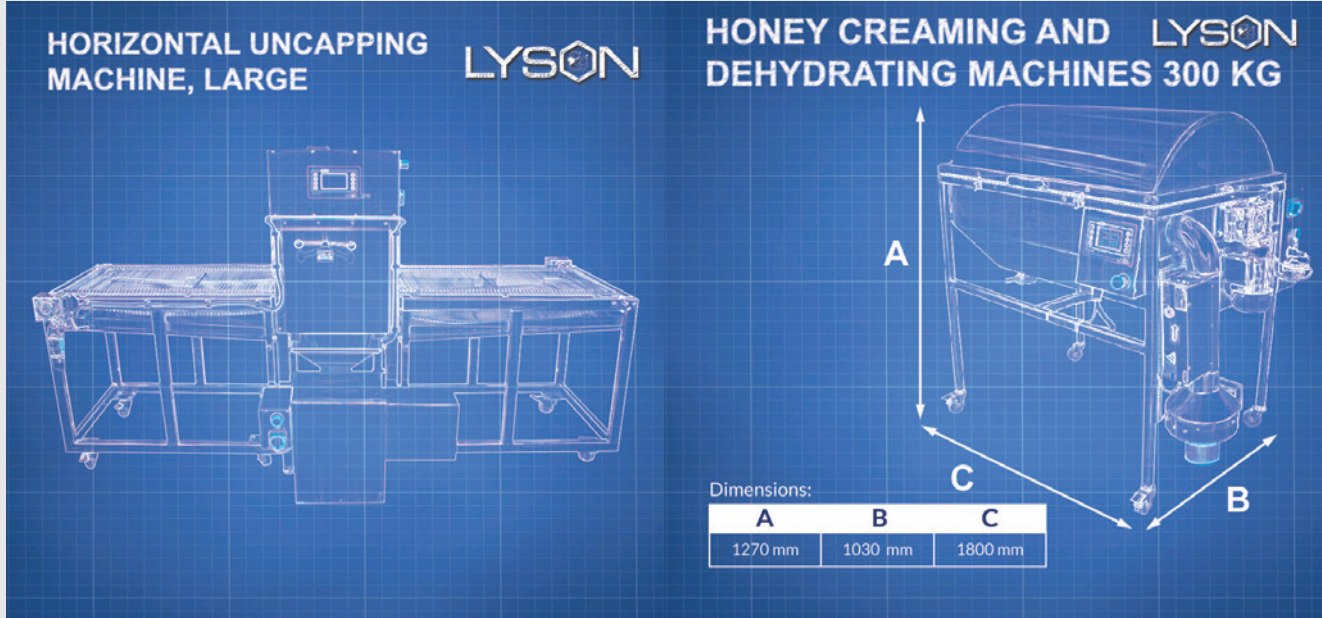
Length: 1900 mm,
Width: 950 mm,
Height: 1450 mm



Engines' power:
1,5 kW



Power supply:
230 V



W20975BW Horizontal uncapping machine, universal, large with uncapping strainers



Manually moved frames



Length: 2500 mm,
Width: 1000 mm,
Height: 1400 mm



Heated cabinet



Uncapping rollers: 1,5 kW
Tables: 0,18 kW
Extruder's engine: 0,55 kW



Engines' power:
750 W



Plates diameter:
620 mm



Heaters' power:
1200W/230V



Efficiency:
to 2% per 10-12h

Honey creaming and dehydrating machines

premium
line



W4020 Honey creaming and dehydrating machines 150 kg (~110 l)



Engines' power:
370 W



Plates diameter:
620 mm



Heaters' power:
1200W/230V



Efficiency:
2-3% per 10-12h

premium
line



W4021 Honey creaming and dehydrating machines 300kg (~220 l)



Engines' power:
750 W



Plates diameter:
620 mm



Heaters' power:
1200W/230V



Efficiency:
to 2% per 10-12h

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IN ONE PLACE

catalogues, films, photos, manuals





LYSON Poland

Wadowice
Kleczka Dolna 148
34-124 Kleczka Górna
POLAND

Contact:

tel. +48 33 875-99-40
tel. +48 33 870-64-02
tel. +48 33 875-93-24

email: lyson@lyson.com.pl

www.lyson.eu

