



THE LION.

POWER-LINE | EPP

High-performance compaction systems for foam parts made of EPP.

Model variant with intermediate silo and use of several compactor units.

Version with block remelting technology.

Used for very large daily processing quantities.

Suitable for small to very large parts

LION 200 POWER-LINE | EPP

Throughput compactor unit ¹⁾	up to 40 Kg/h
Throughput pre-breaker unit ¹⁾	up to 800 Kg/h
Number of compactor units	1
Achievable compaction density ¹⁾	up to 250-450 kg/m ³
Processable material densities	up to 80 g/l
Effective feed opening (L x W)	1.400 x 700 mm
Block size	210 x 210 mm
Standard silo size (L x W x H)	approx. 3.000 x 3.000 x 4.000 mm (25 m ³)
Installation dimensions (L x W x H) ²⁾	approx. 10.000 x 4.000 x 4.000 mm
Machine weight ²⁾	approx. 3.400 kg
Electrical connected load ²⁾	29,05 kW (64 Amp)
Supply voltage (EU)	3 x 400 V / 50 Hz
Supply voltage (USA)	3 x 480 V / 60 Hz
Marking	CE

Materials

EPP molded parts and packaging

EPP load carriers

Industries

Automotive industry + suppliers

EPP packaging manufacturers

Specialist disposal companies

Recycling companies

Options

Automatic block separation system

Block lifting crane with gripper

Feeding conveyor

Individually customized silo size

Symbol image



¹⁾ Depending on material type and material density ²⁾ Basic machine with standard silo without options

LION 300 POWER-LINE | EPP

Throughput compactor unit ¹⁾	up to 100 Kg/h
Throughput pre-breaker unit ¹⁾	up to 800 Kg/h
Number of compactor units	1
Achievable compaction density ¹⁾	up to 250-450 kg/m ³
Processable material densities	up to 80 g/l
Effective feed opening (L x W)	1.400 x 700 mm
Block size	320 x 320 mm
Standard silo size (L x W x H)	approx. 4.000 x 4.000 x 5.000 mm (50 m ³)
Installation dimensions (L x W x H) ²⁾	approx. 12.000 x 4.000 x 5.000 mm
Machine weight ²⁾	approx. 4.200 kg
Electrical connected load ²⁾	33,87 kW (80 Amp)
Supply voltage (EU)	3 x 400 V / 50 Hz
Supply voltage (USA)	3 x 480 V / 60 Hz
Marking	CE

Materials

EPP molded parts and packaging
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Industries

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EPP packaging manufacturers
Specialist disposal companies
Recycling companies

Options

Automatic block separation system
Block lifting crane with gripper
Feeding conveyor
Individually customized silo size

Symbol image



LION 400 POWER-LINE | EPP

Throughput compactor unit ¹⁾	up to 180 Kg/h
Throughput pre-breaker unit ¹⁾	up to 800 Kg/h
Number of compactor units	1
Achievable compaction density ¹⁾	up to 250-350 kg/m ³
Processable material densities	up to 80 g/l
Effective feed opening (L x W)	1.400 x 700 mm
Block size	400 x 400 mm
Standard silo size (L x W x H)	approx. 4.000 x 4.000 x 5.000 mm (50 m ³)
Installation dimensions (L x W x H) ²⁾	approx. 12.000 x 4.000 x 5.000 mm
Machine weight ²⁾	approx. 5.200 kg
Electrical connected load ²⁾	40,05 kW (100 Amp)
Supply voltage (EU)	3 x 400 V / 50 Hz
Supply voltage (USA)	3 x 480 V / 60 Hz
Marking	CE

Materials

EPP molded parts and packaging
EPP load carriers

Industries

Automotive industry + suppliers
EPP packaging manufacturers
Specialist disposal companies
Recycling companies

Options

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Feeding conveyor
Individually customized silo size

Symbol image



¹⁾ Depending on material type and material density ²⁾ Basic machine with standard silo without options

Throughput compactor unit ¹⁾	up to 350 Kg/h
Throughput pre-breaker unit ¹⁾	up to 1.200 Kg/h
Number of compactor units	2
Achievable compaction density ¹⁾	up to 250-350 kg/m ³
Processable material densities	up to 80 g/l
Effective feed opening (L x W)	1.400 x 700 mm
Block size	400 x 400 mm
Standard silo size (L x W x H)	approx. 4.000 x 4.000 x 6.000 mm (70 m ³)
Installation dimensions (L x W x H) ²⁾	approx. 12.000 x 4.000 x 6.000 mm
Machine weight ²⁾	approx. 6.800 kg
Electrical connected load ²⁾	67,60 kW (150 Amp)
Supply voltage (EU)	3 x 400 V / 50 Hz
Supply voltage (USA)	3 x 480 V / 60 Hz
Marking	CE

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