



TECHNICAL DATA SHEET

STYROPACTOR | PRODUCT RANGE

STYROPACTOR



COMPACTING OF EPS WASTE

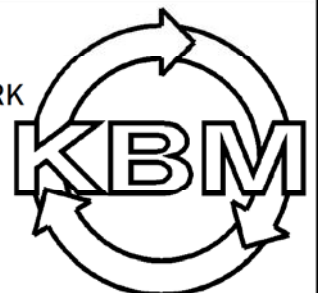
Model: STYROPACTOR XL PLUS

With large hopper opening and high performance gear motor suited for high volumes. See product details inside leaflet.



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Technical Data sheet



OVERVIEW STYROPACTOR

CAPACITIES RANGING FROM SMALL STORES VERSIONS TO INDUSTRIAL VOLUME MACHINES

KBM has decades of experience in designing and building highly efficient and durable EPS compactors, ready to match any need. They range from the smaller shop models for limited EPS waste handling to the larger industrial versions for high volumes.



STYROPACTOR DATA

Model	NANO 1-phase	MICRO 1-phase	MICRO 1F-3-phase	MINI 1-phase	MINI 1F-3-phase	MINI 3-phase	MAXI	MAXI PLUS	MAXI XL PLUS (NEW!)
Item number	42020.00	42025.00	42026.00	42030.00	42032.00	42005.00	42055.00	42060.00	42062.00
Capacity. Measured with fish boxes made of 25 kg/m ³ density EPS	10-15 kg/h 22-33 lbs/h	15-20 kg/h 33-44 lbs/h	15-20 kg/h 33-44 lbs/h	15-20 kg/h 33-44 lbs/h	15-20 kg/h 33-44 lbs/h	35-45 kg/h 77-99 lbs/h	70-90 kg/h 154-198 lbs/h	110-130 kg/h 240-285 lbs/h	110-130 kg/h 240-285 lbs/h
Capacity measured in fish boxes with lids (650 grams per piece and approx. 800x400x220mm)	10-15 boxes/h	23-30 boxes/h	23-30 boxes/h	23-30 boxes/h	23-30 boxes/h	50-60 boxes/h	100-120 boxes/h	170-200 boxes/h	170-200 boxes/h
Wet boxes	YES	(yes*)	YES	(yes*)	YES	YES	YES	YES	YES
Non-corrosive	YES	YES	YES	YES	YES	YES	YES	YES	YES
Mobile (on wheels)	YES	YES	YES	YES	YES	YES	YES	YES	YES
Density (after compaction)	140-225 kg/m ³ 8.75 - 14 lbs/CuFt	175-225 kg/m ³ 11-14 lbs/CuFt	250-350 kg/m ³ 16-22 lbs/CuFt	175-225 kg/m ³ 11-14 lbs/CuFt	250-350 kg/m ³ 16-22 lbs/CuFt	250-350 kg/m ³ 16-22 lbs/CuFt	250-350 kg/m ³ 16-22 lbs/CuFt	250-350 kg/m ³ 16-22 lbs/CuFt	250-350 kg/m ³ 16-22 lbs/CuFt
Electrical (can be delivered with other voltages)	1,5kW 1-phase 230/110 V 50-60Hz	1,5kW 1-phase 230/110 V 50-60 Hz	2,2kW 3-phase 400 V / 50 Hz 480 V / -60	1,5kW 1-phase 230/110 V 50-60 Hz	2,2kW 3-phase 400 V / 50 Hz 480 V / -60 Hz	4,0kW 3-phase 400V / 50Hz 480V /	7,5kW 3-phase 400V / 50Hz 480V / 60Hz	11kW 3-phase 400V / 50Hz 480V / 60Hz	11kW 3-phase 400V / 50Hz 480V / 60Hz
Inlet opening	300x490 mm 11.8"x 19.3"	400x500 mm 15.7"x19.7"	400x500 mm 15.7"x19.7"	400x780 mm 15.7"x30.7"	400x780 mm 15.7"x30.7"	400x780 mm 15.7"x30.7"	560x1000 mm 22"x39.3"	560x1000 mm 22"x39.3"	560x1400 mm 22"x55.1"
Length	1850 mm / 73"	1950mm / 65"	1950mm / 65"	2220mm / 77"	2220mm / 77"	2900mm / 100"	3200mm / 132"	3700mm / 148"	3700mm / 165"
Height	1400 mm / 55"	1600mm / 63"	1600mm / 63"	1600mm / 63"	1600mm / 63"	1600mm / 63"	1600mm / 63"	1600mm / 63"	1600mm / 63"
Width	660 mm / 26"	630mm / 25"	630mm / 25"	630mm / 25"	630mm / 25"	630mm / 25"	870mm / 34"	870mm / 34"	870mm / 34"

**You can feed the Styropactor with wet boxes, but it does not have enough power to compact them properly. Please see other models for wet boxes.*

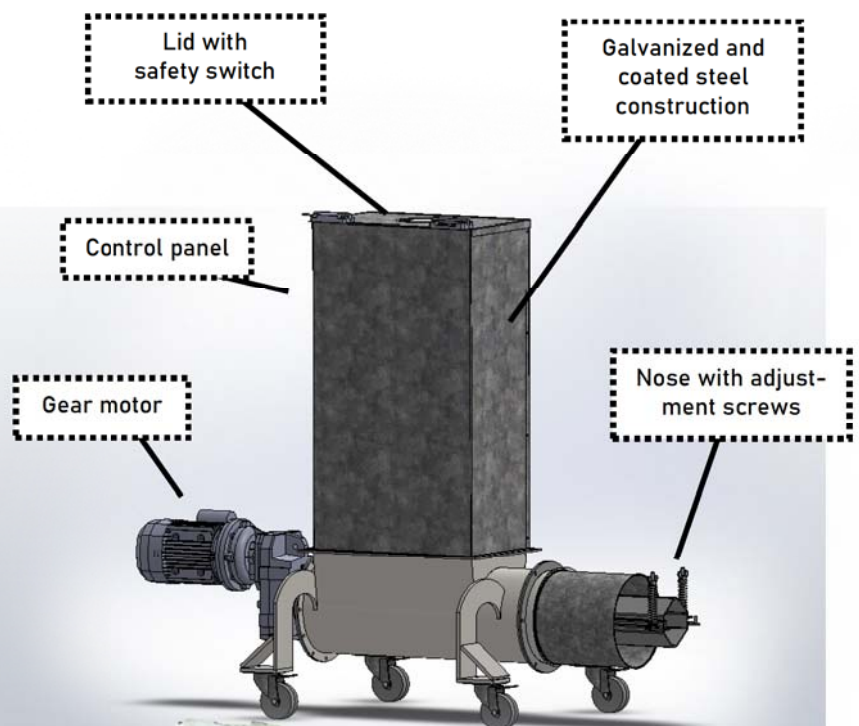
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STYROPACTOR NANO

SUITED FOR SMALL STORES, SUPERMARKETS & FISH SHOPS
WITH LIMITED SPACE AND WASTE

Model	NANO 1-phase
Item number	42020.00
Capacity. Measured with fish boxes made of 25 kg/m ³ density EPS	10-15 kg/h 22-33 lbs/h
Capacity measured in fish boxes with lids (650 grams per piece and approx. 800x400x220mm)	10-15 boxes/h
Wet boxes	YES
Non-corrosive	YES
Mobile (on wheels)	YES
Density (after compaction)	140-225 kg/m ³ 8.75 - 14 lbs/CuFt
Electrical (can be delivered with other voltages)	1,5kW 1-phase 230/110 V 50-60Hz
Inlet opening	300x490 mm 11.8"x 19.3"
Length	1850 mm/ 73"
Height	1400 mm/ 55"
Width	660 mm/ 26"



Technical Data sheet

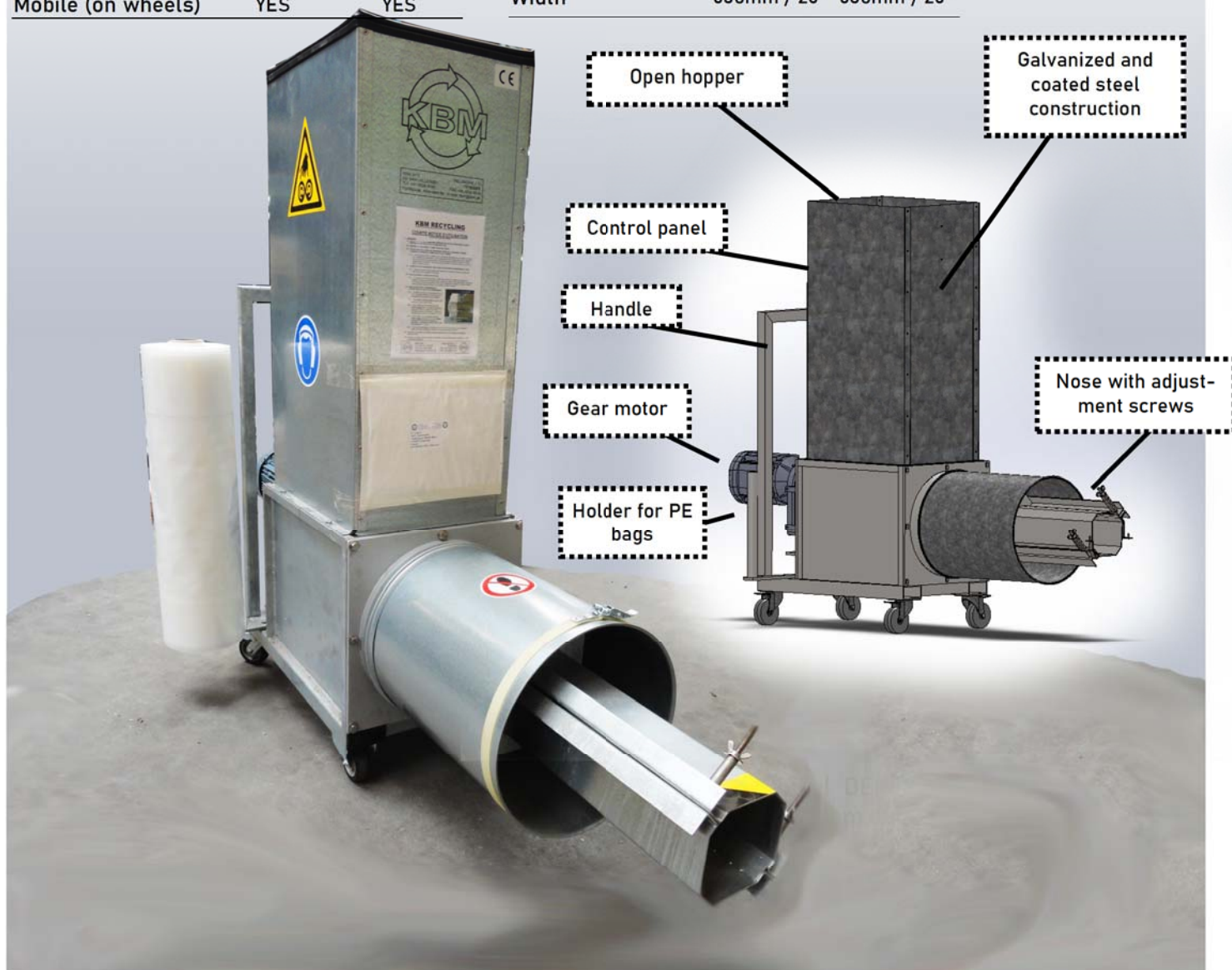


STYROFACTOR MICRO

SUITED FOR SMALL STORES, SUPERMARKETS & FISH SHOPS
WITH LIMITED SPACE AND WASTE

Model	MICRO 1-phase	MICRO 1F-3-phase
Item number	42025.00	42026.00
Capacity. Measured with fish boxes made of 25 kg/m ³	15-20 kg/h 33-44 lbs/h	15-20 kg/h 33-44 lbs/h
Capacity measured in fish boxes with lids (650 grams per piece and approx.	23-30 boxes/h	23-30 boxes/h
Wet boxes	(yes*)	YES
Non-corrosive	YES	YES
Mobile (on wheels)	YES	YES

Density (after compaction)	175-225 kg/m ³ 11-14 lbs/CuFt	250-350 kg/m ³ 16-22 lbs/CuFt
Electrical (can be delivered with other voltages)	1,5kW 1-phase 230/110 V 50-60 Hz	2,2kW 3-phase 400 V / 50 Hz 480 V /-60
Inlet opening	400x500 mm 15.7"x19.7"	400x500 mm 15.7"x19.7"
Length	1950mm / 65"	1950mm / 65"
Height	1600mm / 63"	1600mm / 63"
Width	630mm / 25"	630mm / 25"



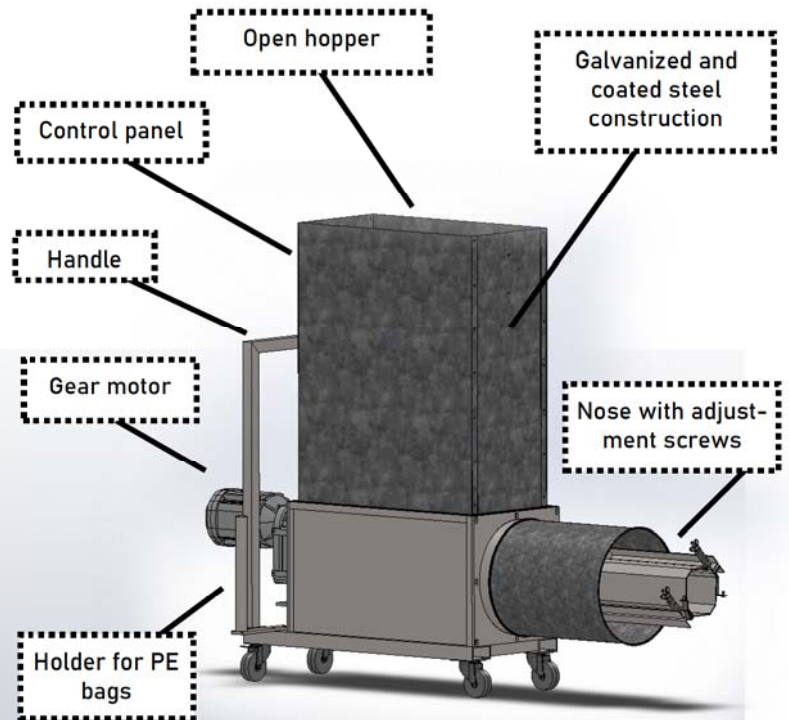
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STYROPACTOR MINI

SUITED FOR LARGE SHOPS AND INDUSTRIAL PRODUCTIONS



Model	MINI 1-phase	MINI 1F-3-phase	MINI 3-phase
Item number	42030.00	42032.00	42005.00
Capacity. Measured with fish boxes made of 25 kg/m ³	15-20 kg/h 33-44 lbs/h	15-20 kg/h 33-44 lbs/h	35-45 kg/h 77-99 lbs/h
Capacity measured in fish boxes with lids (650 grams per piece and approx. 800x400x220mm)	23-30 boxes/h	23-30 boxes/h	50-60 boxes/h
Wet boxes	(yes*)	YES	YES
Non-corrosive	YES	YES	YES
Mobile (on wheels)	YES	YES	YES
Density (after compaction)	175-225 kg/m ³ 11-14 l bs/CuFt	250-350 kg/m ³ 16-22 lbs/CuFt	250-350 kg/m ³ 16-22 lbs/CuFt
Electrical (can be delivered with other voltages)	1,5kW 1-phase 230/110 V 50-60 Hz	2,2kW 3-phase 400 V / 50 Hz 480 V / -	4,0kW 3-phase 400V / 50Hz 480V / 60Hz
Inlet opening	400x780 mm 15.7"x30.7"	400x780 mm	400x780 mm 15.7"x30.7"
Length	2220mm / 77"	2220mm / 77"	2900mm / 100"
Height	1600mm / 63"	1600mm / 63"	1600mm / 63"
Width	630mm / 25"	630mm / 25"	630mm / 25"



STYROPACTOR MINI displayed as a crusher with mounted PE bag. The nose can be opened for crushing only as an alternative to the compacting function. This option is available on NANO, MICRO and MINI STYROPACTOR models. For larger crusher models, we refer to our Styrocruiser XL (see details in our Recycling leaflet).

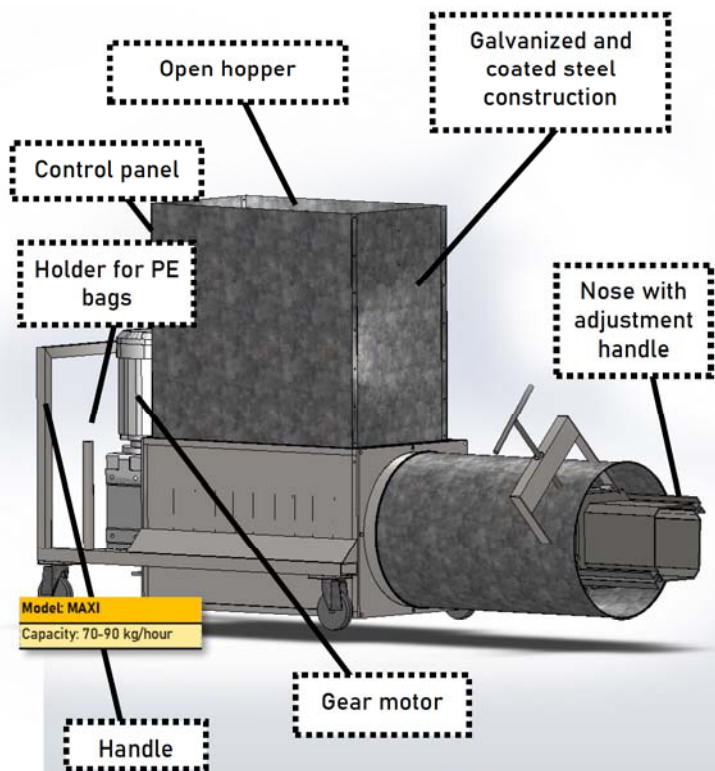


Technical Data sheet



STYROFACTOR MAXI

SUITED FOR INDUSTRIAL PRODUCTIONS AND MUNICIPAL WASTE COLLECTION SITES



Model	MAXI	MAXI PLUS
Item number	42055	42060
Capacity. Measured with fish boxes made of 25 kg/m ³ density EPS	70-90 kg/h 154-198 lbs/h	110-130 kg/h 240-285 lbs/h
Capacity measured in fish boxes with lids (650 grams per piece and approx. 800x400x220mm)	100-120 boxes/h	170-200 boxes/h
Wet boxes	YES	YES
Non-corrosive	YES	YES
Mobile (on wheels)	YES	YES
Density (after compaction)	250-350 kg/m ³ 16-22 lbs/CuFt	250-350 kg/m ³ 16-22 lbs/CuFt
Electrical (can be delivered with other voltages)	7,5kW 3-phase 400V / 50Hz 480V / 60Hz	11kW 3-phase 400V / 50Hz 480V / 60Hz
Inlet opening	560x1000 mm 22"x39.3"	560x1000 mm 22"x39.3"
Length	3200mm / 132"	3700mm / 147"
Height	1600mm / 63"	1600mm / 63"
Width	870mm / 34"	870mm / 34"

MAXI XL PLUS (NEW!)
42062.00
110-130 kg/h 240-285 lbs/h
170-200 boxes/h
YES
YES
YES
250-350 kg/m ³ 16-22 lbs/CuFt
11kW 3-phase 400V / 50Hz 480V / 60Hz
560x1400 mm 22"x55.1"
3700mm / 165"
1600mm / 63"
870mm / 34"



Technical Data sheet

STYROPACTORS

FEATURES AND OPTIONS



The compactors STYROPACTOR MICRO, MINI and MAXI reduce the volume of EPS parts approx. 20-40 times with both dry and wet material (also fish boxes). The STYROPACTORS are made non-corrosive and can be used in a rough environment.

The STYROPACTORS can also be made in a version where crushed material is filed into plastic bags with a blower. The STYROPACTORS can without any alterations used as a pre-crusher for EPS collection in bags of any size or without a bag.

The STYROPACTORS are filled vertically. Consequently pieces of any length can be introduced. The STYROPACTORS are "mobile" and can be used in any fish processing industry, supermarket, department store etc. where EPS packaging appears.

The STYROPACTORS reduce transportation costs drastically.

KBM STYROPACTOR

A container full of 300 fishboxes



Before

After



Options & Features

All Styropactors can optionally be delivered with a tub to collect dust and particles in order to keep a clean environment around your Styropactor.

Our NANO, MICRO & MINI Styropactors can also be delivered with an exit tray, in order to break off the compacted bricks to your desired length.

All Styropactors can compact EPS to relatively high density as well as be used to crush the waste into lumps, which can then be used for other purposes.



SOLUTIONS

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INJECTORS

MIXING UNITS

COMPACTORS

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INTO A BUSINESS

STYROPACTOR



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