for the best

Patented Rotary Slide

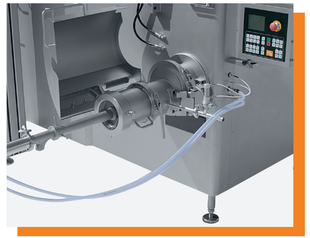
The interlocking feeding worms are equipped with a rotary slide at their ends. This fact ensures permanent and optimal filling of processing worm. Idle revolutions of the cutting set and an unnecessary development of heat are avoided as well.

"DuoSepart" bone elimination system

The MADO industrial grinders can be fitted with the patented "DuoSepart" elimination system upon request. This system allows you to separate bone, gristle and sinews effectively and efficiently. Processes which cause stress to raw materials, such as conventional separation systems, can also be eliminated, thus increasing you savings. The "DuoSepart" system consists of two separator units (lateral and central), which work independently of each other. The pneumatically operated control valves for the two separators are infinitely adjustable. On request a worm separating device for central separation is available.

POM worms

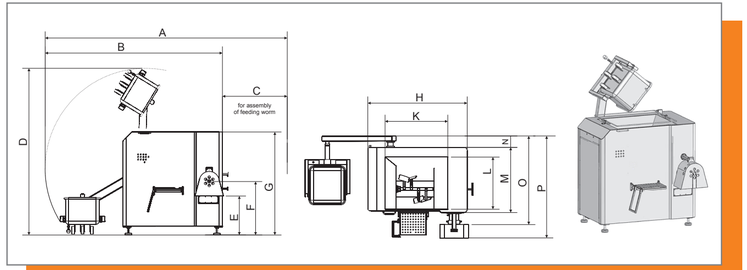
DuoSepart pneumatic



Mixing device

Info

MEW 727, 728



	MEW 727	MEW 728		
A (total width)	4540 mm	4540 mm		
B	3500 mm	3500 mm		
C	1040 mm	1040 mm		
D (total height)	3200 mm	3200 mm		
E	740 mm	740 mm		
F	1010 mm	1010 mm		
G	1980 mm	1980 mm		
H	1910 mm	1910 mm		
K	1200 mm	1200 mm		
L	1000 mm	1000 mm		
M	1260 mm	1260 mm		
N	240 mm	240 mm		
O	1700 mm	1750 mm		
P (total depth)	1950 mm	2050 mm		
Type of current	400 V, 50 Hz 3-phase AC	400 V, 50 Hz 3-phase AC		
Capacity	AS 30/35 kW ZS 9/11 kW MW 4 kW	AS 30/35 kW ZS 9/11 kW MW 4 kW		
Fuse protection	125 A inert	125 A inert		
Revolutions	AS 150/300 rpm ZS 12/24 rpm	AS 160/320 rpm ZS 18/36 rpm		
Cutting set	Unger G 160 3, 5 or 7 parts	Unger U 200 3, 5 or 7 parts		
Output per hour product specific	ca. 5000 kg/h	ca. 8000 kg/h		
Hopper volume	ca. 500 litres	ca. 500 litres		
Weight	ca. 3000 kg	ca. 3300 kg		

Dimensions and Technical Data - Technical alterations are subject to change - This drawing is only a layout and do not complies with our construction drawings - Exact mounting dimensions should be obtained

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for the best

MADO Industrial Grinders

MEW 727 / 728

MADO Industrial Grinders

Reduce - costs and product - improvement system solutions

With capacities from 5.000 kg/h – 8.000 kg/h

Technologies and intelligent solutions for optimal work results

No challenge is too big and no standard is too high. MADO industrial grinders realize production solutions in all areas of the meat processing industry. Fully developed technology, combined with first - class materials and excellent processing, guarantee optimal work results in every phase.

A revolutionary principle for layout and design of feed- and working worms together with basket system is setting new standard and achieving highest level of hygiene during grinding. High performance capacities and product results save time and money.

Select with or without mixing device

Processed meat and ingredients can be mixed efficiently and gently with the mixing device.

ULTRA MEW 727
Size of cutting set: G 160
Capacity: up to approx. 5.000 kg/h

ULTRA MEW 728
Size of cutting set: U 200
Capacity: up to approx. 8.000 kg/h

Outlet

Optional:

- Heavy duty equipment for pre- cut frozen meat or raw skin for ULTRA MEW 727 and ULTRA MEW 728.
- Separator for degreasing of raw skin. By a minimizing- and separation process raw skin can be separated into a fat phase and a collagen phase

At standard: Tool carriage for all accessories.

TOOL CARRIAGE FOR ALL ACCESSORIES

ULTRA MEW 727 and
ULTRA MEW 728

Everything is possible:
The heavy duty variant for extreme requirements

In industrial processing, sometimes meat with a high proportion of rind or frozen raw material is fed into the grinder. While passing on this material from feeding worm into processing area, the raw material is overstrained with conventional construction. In order to avoid this and to handle the raw materials really carefully, MADO offers a heavy duty variant. With this SL version it is possible to grind frozen meat, fresh pork skin, cheese, vegetables etc. ... direct up to 3 mm hole plate.

With patented cutting and bearing system by MADO in conjunction with the double feeding worm made of stainless steel you ensure, that raw material is that much pre- grinded, before being passed on processing worm, that processing material won't be crushed in any way. A frequency converter for feeding worm's drive ensures, that neither the motor nor gear will be overstrained. The grinder's capacity is used to an optimal degree through impeccable conveying of material. This way quality of cross - section is remarkably increased. Grinded material offers a first - rate granularity and temperature increase is reduced to a minimum.

Cutting plate

Stainless steel worm

Convincing System Quality

Using the MADO industrial grinders all materials in meat and food processing industries can be processed at temperatures ranging from - 20°C up to 80°C. Variable drive concepts in conjunction with unique conveying components make for a wide range of applications with outstanding work results. MADO industrial grinders stand for state - of - the - art technology. Self - supporting stainless steel housing and the MADO hygiene construction ensure unmatched production results and highest standards of hygiene. In standard version raw materials can be processed down to temperatures of - 8°C without any problem. The double feeding worm in conjunction with basket system enable you to handle the raw materials carefully, while ensuring highest possible output and lowest possible heating of the products. This increases the quality of end products. It goes without saying that, a standard hydraulic device, an electrical locked finger guard at outlet and a hydraulic worm ejector are part of every MADO ULTRA industrial grinder.

Basket system

Meat is fed by means of a pressure and feeding screw against a cutting set and is compressed at the same time. The worm turns in a "pressure pipe"- the worm housing. Twisted grooves are worked into this. Through this, minced product is supported and prevented from lowing back from cutting assembly. The "flues" or supporting elements in worm housing can be easily removed as a "basket system" with MADO. Only the completely smooth "pressure pipe" remains in machine. In this way perfectly hygienic cleaning of the grinder is made possible.

Pressure- and feeding worm

It has been proven by scientific research, that only 10 - 30 % of energy is needed for feeding raw material with grinding worms. The cutting assembly consumes major part of 70 - 90 % of power. This discovery has led to the development of new bipartite MADO worm. The drive element for cutting assembly is made of stainless steel and the "feeder element" is made of very strong plastic, which possesses emergency running properties and fulfills purpose of low abrasive bearing for the worm. In this way, feared heavy metal abrasion is avoided and production safety is guaranteed.

Processing worm