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DOZAMECH®

product
catalogue **2022**

www.dozamech.pl



DOZAMECH Company have been set up in 1991. Since that time on Company fast development followed with regard to management and manufacture of agricultural machinery. Our offer at present includes high quality machinery designed and manufactured thanks to broad experience. We offer machinery purposed for transport and preparation of animal feed; suction blowers, mixers, feeders, screw conveyors, feed mills and dryers and distributors.

All offered products are highly recognized and often purchased by clients in Poland, as well as in Belarus, Czech, Lithuania, Latvia, Russia and Ukraine. We owe our success to hard and diligent work that resulted in manufacture of high quality products at competitive prices. To meet the expectations of customers we continuously expand our offer. To find out more about the offer please visit our head office or contact us by phone. Our highly qualified personnel will be happy to assist you in providing the optimal solution tailored to your individual needs.

mgr inż. Donat Zawidzki



BULK FEED MIXER H-033 SERIES

Provides homogenous mixing of all ingredients of feeding concentrates purposed for livestock. Standard mixers are provided with venting system (dust aspiration): top or side (bottom).

For autonomous operation
or in parallel with feed lubricator.

FEED MIXING DEGREE:
FEED HOMOGENITY 1: 10 000

MIXING TIME
UNTIL HOMOGENITY:
10 – 15 min.



BULK FEED MIXER



MODEL	CAPACITY [KG]	CAPACITY [L]	HEIGHT WITH VENT [m]		WIDTH [m]	ENGINE POWER [kW]	WEIGHT [kg]
			TOP	BOTTOM			
H-033	500	1100	3,60	2,10	1,1	1,5	240
H-033/1	800	1600	3,80	2,30	1,3	2,2	270
H-033/2-2,35	1000	2000	3,85	2,35	1,45	2,2	290
H-033/2-2,55	1000	2300	4,05	2,55	1,45	2,2	310
H-033/3	1500	3200	4,25	2,75	1,65	2,2	370
H-033/4	2000	4400	4,55	3,05	1,85	3	470
H-033/4 SPECIAL EDITION	2200	5000	4,80	3,30	1,85	4	520
H-033/5	4500	8000	5,20	3,70	2,4	5,5	800

BULK FEED MIXER

HEAVY DUTY BULK FEED MIXER PMP-1 SERIES

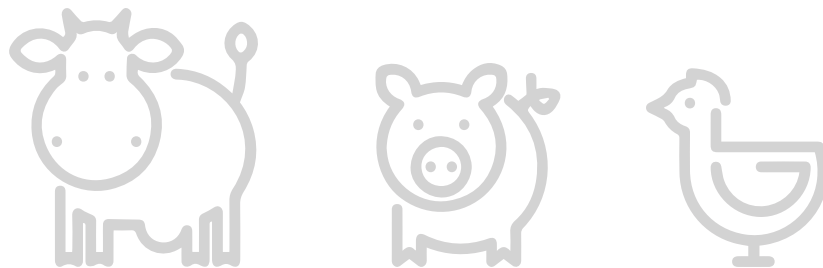
Purposed for agricultural farms and feed manufacturers of concentrated feed, concentrates and mixtures purposes for pigs and poultry.

PMP-1 Heavy Duty Mixer offers automatic loading, lubricating, mixing and unloading. May be used for:

- autonomous individual operation
- operation as a device coupled with production plant

FEED MIXING DEGREE
FEED HOMOGENITY 1:100 000

VERSION PROVIDED WITH 3 CHAMBERS:
LOADING, MIXING AND UNLOADING
OF CAPACITY 10 T / H.



HEAVY DUTY BULK FEED MIXER MP SERIES

Purposed for agricultural farms producing concentrated complete feed for pigs and poultry. Horizontal bulk feed mixer offers automatic: loading, lubricating, mixing and unloading. May be used for

- autonomous operation
- operation as a device coupled with production plant, in the following versions:

• **1 chamber:**
provided with mixing chamber only

• **2 chambers:**
provided with loading and mixing chamber

FEED MIXING DEGREE
FEED HOMOGENITY 1:100 000



MODEL				ENGINE POWER [kW]	CAPACITY [t/h]	DIMENSIONS		
	LOADING CHAMBER	MIXING CHAMBER	UNLOADING CHAMBER			Length	Width	Height
1 - komorowy	-	YES	-	6	6	3,9	1,32	2,5
2- komorowy	YES	YES	-	10	10	3,9	1,34	4,0

FEED LUBRICATOR

NTP BULK FEED LUBRICATOR

Purposed to dose animal or plant fat to the feed or molasses.
It features with capacity 300 L, is provided with thermal protection and fat or molasses electric heaters.

Provided with dosing time controller.

DOSING PUMP CAPACITY
11-15 L / m

ENGINE POWER
0,55 kW



THREE-CHAMBER FEED MILL H-119 SERIES

Features with innovative design that protects the produced meal against protein denaturation.
Purposed for grinding of: grain, corn, pulses and oil seeds.
Standard and Hardox (heavy duty) version is available.

Standard H-119 is provided with:

- Suction with air flow adjustment
- Stone trapper with ferrite magnet
- Suction hose 10m long
- Suction hose 3m long to be connected to mixer
- Ammeter, thermal protection
- On-switch **YΔ**

FEED MILL



MODEL	ENGINE POWER [kW]	CAPACITY IN t / h FOR THE WHEAT		
		PIGS	CATTLE	POULTRY
H - 119/ 0	7,5 kW	0,7 – 0,9	0,9 – 1,1	1,0 – 1,2
H - 119	11,0 kW	0,8 – 1,0	1,0 – 1,2	1,2 - 1,4
H - 119/ 2	15,0 kW	1,0 – 1,3	1,1 – 1,4	1,4 - 1,5
H - 119 / 3	18,5 kW	1,0 – 1,4	1,1- 1,5	1,4 – 1,6
H - 119 / 4*	22,0 kW	2,0 – 2,2	2,2 – 2,4	2,4 – 2,6
H - 119 / 5*	30,0 kW	3,0 – 3,3	3,3 – 3,6	3,6 – 4,0

*current protection 63A

DISTRIBUTORS

DISTRIBUTORS DEDICATED FOR SUCTION FEED MILLS

DISTRIBUTOR
3 - WAY
rotational



DISTRIBUTOR
5 - WAY
rotational

SERVICE / ACCESSORIES



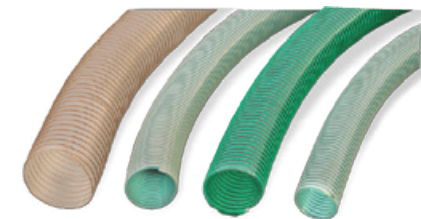
SLOTTED AND MESH SIEVES



MILL DEDICATED
REGENERATION SYSTEMS



BEATERS



PVC
AND POLYURETHANE HOSES



TOP AND HANGING
FILTERS



DISTRIBUTORS



BAGGING MACHINE
TWO-WAY

MILL WITH HOPPER AND BEATER H-119/Z SERIES

Feature with innovative design that enables to produce dust-free meal.
Purposed for grinding of: grain, corn, pulses and oil seeds.
Standard and Hardox (heavy duty) version is available.

MODEL	ENGINE POWER [kW]	CAPACITY IN t / h FOR THE WHEAT		
		PIGS	CATTLE	POULTRY
H - 119 / M4 / Z	4,0 KW	0,3 – 0,5	0,5 – 0,7	0,7 – 0,9
H - 119 / O / Z	7,5 KW	1,7 – 2,0	2,0 – 2,5	2,5 – 3,0
H - 119 / Z	11,0 KW	2,0 – 2,2	2,2 – 2,7	3,0 – 4,0
H - 119 / 2 / Z	15,0 KW	2,2 – 2,5	2,5 – 3,0	3,5 – 5,0
H - 119 / 3 / Z	18,5 KW	2,2 – 2,6	2,6 – 3,2	4,5 – 6,0
H - 119 / 4 / Z*	22,0 KW	3,0 – 3,4	3,5 – 4,5	5,0 – 8,0
H - 119 / 5 / Z*	30,0 KW	3,4 – 4,0	4,0 – 5,0	9,0 – 12,0

MODEL: H 119/4/Z and H 119/5/Z
FITTED WITH HORIZONTAL UNLOADING CONVEYOR

FEED MILLS



FEED MILLS

STRAW MILLS SERIES H-119/SN SERIES

Purposed for:

- Dairy farming: straw chaff for TMR
- Poultry farming: straw chaff purposed for litter
- Cultivation of strawberries: straw chaff purposed for litter

AVAILABLE ELECTRIC ENGINE VERSIONS:
22kW; 30kW; 37kW;

AVAILABLE MESH SIEVE SIZED:
8; 10; 12; 15 mm

HEIGHT: **2m**

WEIGHT: **960 kg**



May be used for grinding
of wood shavings.



DISPENSERS AND WEIGHING MACHINES



DISPENSERS AND WEIGHING MACHINES

Hopper along with weighing hook scale.
Available hopper capacity: 500kg and 1000kg.

Photo presents the end of charging hopper connected directly to mill including beaters (page.7).

MODEL	CAPACITY	BASKET DIAMETER	HEIGHT
DWD - 1	1000 kg	175 cm	125 cm
DWD - 2	500 kg	143 cm	121 cm

WEIGHT FEEDER DWS-1 SERIES

Capacity 2000kg.
Compatible with any mixer from our offer.
Fitted with alarm that warns against imprecise feeding of feed components.

NOT APPLICABLE TO:
- H-033/4 version upon order
• H-033/5

DIMENSIONS (PLATFORM): 127 x 118cm
HEIGHT: 13cm



DISPENSERS AND WEIGHING MACHINES

ELECTRONIC BATCHER

EWMPM – 1 TYPE **ONE SENSOR**

Electronic batcher that features with simple and easy operation that enables batching programming of any feed component.

ELECTRONIC BATCHER

EWMPM – 3 TYPE **THREE SENSORS**



BULK FEED MINI MIXING PLANTS

1

MINI MIXING PLANT FITTED WITH SUCTION MILL



3

MINI MIXING PLANT FITTED WITH HOPPER

(system including mixer combined
with trough conveyor
and feed mill)



MINI MIXING PLANT „TWINS“

2



SCREW CONVEYORS

PULLING SCREW CONVEYOR T-403 SERIES

Provide carriage of grain and bulk materials.

DIAMETER	ENGINE POWER [kW]	WIDTH [m]	CAPACITY [t/h]
100 mm	1,5 kW - 2,2 kW	4 – 12	6 – 8
130 mm	1,5 – 3,0 kW	4 – 12	7 – 15
150 mm	2,2 – 4,0 kW	4 – 12	15 – 20



TROUGH SCREW CONVEYOR T-403 SERIES

Provide carriage of grain and bulk materials.



A CONVEYOR SUPPORTED
with trough conveyor



DIAMETER	ENGINE POWER [kW]	WIDTH [m]	CAPACITY [t/h]
100 mm	1,5 kW – 2,2 kW	4 – 12	6 – 8
130 mm	1,5 – 3,0 kW	4 – 12	7 – 15
150 mm	2,2 – 4,0 kW	4 – 12	15 – 20
170 mm on additional order	4,0 - 5,5 kW	4 – 12	32 - 42

SCREW CONVEYORS

ADDITIONAL EQUIPMENT

CONVEYOR DEDICATED ADDITIONAL EQUIPMENT **T-403 SERIES**

- 2-wheel chassis PM2
- 2-wheel chassis with winch PM2W
- Big 2-wheel chassis with winch PD2W
- 6-wheel chassis
- Hopper dedicated truck, 4x casters fi 180
- Conveyor support
- Conveyor clamp
- Tensioning (a tensioning rope)
- Hopper installed onto conveyor with openwork suction nozzle

PD6W CHASSIS
installed on to trough conveyor



PM2 CHASSIS
installed onto pulling conveyor



**HOPPER
ATTACHMENT**



VERTICAL SCREW CONVEYOR T-403 SERIES

For carriage of grain and bulk materials.
Indispensable for loading of silos.

- Vertical screw conveyor dia. 150 mm, Length: 4.2 m to 15.2m,
- Available version: 1, 2, 3 or 5 discharging hatches,
- Engine power according to silos height: 3 kW to 5.5 kW.

CAPACITY: 12-15 t/h



NOTE:

Hopper top is at height 0.9 m from the ground, however lowering of hopper to the ground is possible to enable fast unloading of trailer.



SCREW CONVEYORS



SCREW CONVEYORS

VERTICAL-HORIZONTAL SCREW CONVEYOR **T-403/PP SERIES** (TURBO - WITH TWO DRIVES)

For carriage of grain and bulk materials.

- Screw diameter 150 mm, Length: 4.2 to 15.2m,
- Vertical carriage engine power: 3.0 kW to 5.5 kW,
- Horizontal carriage engine power 2,2 kW,
- May be fitted with distributors: 2, 3 and 5-way along with discharge chute.

CAPACITY: **16-22 t/h**

AVAILABLE DISTRIBUTORS:



2 - WAY



3 - WAY



5 - WAY



SUCTION BLOWERS T-420 SERIES

BLOWERS

For carriage of grain and bulk materials.

- Engine power: 11kW or 15kW.

CAPACITY: 9-10 t/h

Standard equipment:

- Pipes: 3 items x 2m; 3 items x 1.5m; 1 item x 1m,
- Hose: 3.3 m,
- Suction nozzle,
- Elbows: 2 items x 90o; 2 items x 45o,
- Quick fit coupling: 13 items,
- Suction pipe stand,
- end separator.



NOTE:

Additionally a hopper is available as attachment.
The hopper doubles capacity of device.



DRYING PLANTS



SM SERIES ELECTRIC MOBILE DRYING PLANTS

Available in three versions: 9; 13 and 25 t of capacity.
Powered by fuel oil and alternately gas or LPG fired burners can be installed.

MODEL	SM-1	SM-2	SM-3
Length [m]	7,0	5,6	5,6
Width [m]	3,12	2,45	2,45
Height [m]	8,5	6,5	7,7
Fuel tank capacity [L]	750	750	750
Fuel consumption [L/t in %]	ok. 1-1,3	ok. 1-1,3	ok. 1-1,3
Max. burner output [°]	1100	830	830
Max. energy consumption [kW]	36,5	21,5	21,5
Overcurrent protection [A]	100	80	80
Weight [kg]	4450	3530	3930

ENGINE POWER	SM-1		SM-2 / SM-3	
work	loading	drying	loading	drying
Feeding screw engine [kW]	3	-	3	-
Vertical screw engine [kW]	15	15	11	11
Fan engine [kW]	-	18,5	-	7,5
Burner engine [kW]	-	1,5	-	1,5
Aspiration engine [kW]	-	1,1	-	1,5
Engines total power [kW]	18	36,5	14	21,5

MOBILE DRYING PLANTS SM SERIES

DRIVEN BY POWER TAKE-OFF (PTO) SHAFT

The first Polish drying plant purposed for places where power outage is possible. Three versions are available of capacity: 9, 13 and 25 t. Powered by fuel oil and alternately gas or LPG fired burners can be installed.

MODEL	CAPACITY		CAPACITY ton / 24 hours	DRIVE		humidity initial / final
	m ³	ton		electric	PTO	
SM-1	31	25	corn: 70-100 rapeseed and grain: 100-150	38 kW	-	corn: 28-35% / 14% rapeseed and grain: 12-18% / 6-14% K
SM-2	12	9	corn: 24-32 rapeseed and grain: 30-55	21 kW	-	corn: 28-35% / 14% rapeseed and grain: 12-18% / 6-14% K
SM-3	17	12	corn: 25-36 rapeseed and grain: 32-35	21 kW	-	corn: 28-35% / 14% rapeseed and grain: 12-18% / 6-14% K
SM-3W	17	12	corn: 25-36 rapeseed and grain: 32-35	-	YES	corn: 28-35% / 14% rapeseed and grain: 12-18% / 6-14% K
SM-3SW	17	12	corn 25-36 rapeseed and grain: 32-35	21 kW	YES	corn: 28-35% / 14% rapeseed and grain: 12-18% / 6-14% K



GRAIN LOADING/UNLOADING

LOADING-UNLOADING PAN SERIES WRZ

For quick unloading of trailers etc.

To be coupled with screw conveyor to ensure smooth warehouse or silos loading

at capacity up to 30 t/h.

MODEL	LENGTH	WIDTH	SIDE HEIGHT		ENGINE POWER [kW]
			LOADING	OPPOSED	
WRZ-5	5m	1,93m	0,74	1,23	4,5 kW
WRZ-6	6m	1,93m	0,74	1,23	4,5 kW



DRUM CLEANER SERIES CBD-2 SERIES

For cleaning of: grains, papilionaceous, coarse and fine seeds, at hopper capacity 100kg (wheat) and five outlets discharging contaminants and seeds.

DRUM CLEANER SERIES CBD-2 IS:

- Simple operation
- Easy replacement of sieve,
- Vibration-free operation,
- Energy efficient,
- Compact design,
- Fan fitted with rotor provided with centrifugal blades, statically and dynamically balanced,
- Sieve cleaning with dedicated rubberized roller.

CLEANING IS PROVIDED BY:

- Enforced air flow generated by fan removal of dust, chaff and fine straw,
- Seed movement during drum rotation provided by two modular Internal and external double sieves removal of damaged seeds, soil, stones.

PARAMETER	UNITS OF MEASURE	VALUE
MASS	kg	330
HEIGHT	m	2,35
INTERNAL SIEVE DIMENSIONS	mm	1594 x 625
EXTERNAL SIEVE DIMENSIONS	mm	2080 x 720
ENGINE POWER	kW	1,5 + 0,18



GRAIN CLEANERS

CLEANING CAPACITY

WHEAT / BARLEY / TRITICALE / RYE	3,0 – 4,0
OATS	2,0 – 2,5
GRASS SEEDS	0,75 – 1,5

t / h

SEED TREATMENT

SEED TREATMENT MACHINE ZDZ-1 SERIES

Purposed for seed treatment using on wet method, with any liquid and suspension substance using the mixer. It features with easy operation and simple maintenance. Seed treatment machine is purposed for assembly onto screw conveyor T-403 Ø100 mm.



PARAMETER	UNITS OF MEASURE	VALUE
Pump electrical engine power	W	200
Pump max capacity	l/min	12,5
Pump max. pressure	bar	2,4
Cable length	m	2,5
Dimensions:		
Length x Width x Height	mm	570 x 140 x 230
Tank capacity	l	20
Dimensions of tank including pump	mm	400 x 400 x 700
Weight (including tank and wiring)	kg	19,3
Recommended screw conveyor parameters:		
Capacity	t/h	do 8
Diameter	mm	100
Length	m	min 4
Ambient temperature range during operation t°	°C	1°C < T < 35°
Capacity	t/h	6 – 8

new

SINGLE SHAFT DISTRIBUTOR RWN-3 SERIES

The first Polish equipment dedicated for **fishery industry**.
Purposed for lime distribution and fish feeding at weirs.

Upon order distributor is also available for: seeder loading, seed carriage, concentrates, maize silage and TMR.
Hydraulic motor driven screw conveyor.

CAPACITY: **3000 kg**

LATERAL SOWING: **up to 15 m**
including PTO shaft driven blower



new

SEED DISTRIBUTORS

A professional modern harrow designed for meadows and pastures cultivation and for early dragging arable fields after winter, levelling, prevention of dehydration to increase yields.

The harrow designed for meadows and pastures cultivation in spring, as well as levelling of field surface. It is alternative solution to other type of invasive agricultural machinery that ensures efficient soil cultivation. It ensures proper water management thanks to provided protective layer. Moreover is efficiently destroys weeds, molehills and breaks up large rocks. This soil treatment enhances growth and airing of soil and ensures smoothing out of field surface, soil cultivation and consequently increases yields.

FEATURES

- High quality hollow section frame construction provided with locking system, double-side attachment of high strength,
- Double-side attachment, weight ca. 5 kg including 5cm long toothing,
- Hydraulic unfolding and folding with secure locking during transport,
- LED lights for safety during works,
- Reinforced frame with locking pawls upon unfolding,
- 2 type of edges- front one providing a bumper that break up large rocks and molehills, and lower ones that smooth out the surface,
- Comfortable and simple operation,
- Long service life.

ADVANTAGES

- Efficient soil cultivation,
- Ensures proper water management,
- Destroys weeds, molehills and breaks up large rocks,
- Smoothing out the surface,
- Improves soil and condition,
- Increase yields.



CONCENTRATE PRODUCTION PLANTS





DOZAMECH

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