



GRAIN CRUSHERS



ATLAS SERIES
TYTAN SERIES

www.sipma.pl

GRAIN CRUSHERS




Grain crushers are designed for crushing grains of all types of crops (barley, oat, wheat, rye) and leguminous plants for feed concentrates and such grains as corn, pea, linen.




ATLAS SERIES

- SIPMA ZP 4020 ATLAS
- SIPMA ZP 4030 ATLAS
- SIPMA ZP 5520 ATLAS
- SIPMA ZP 5530 ATLAS
- SIPMA ZP 7530 ATLAS

TYTAN SERIES

- SIPMA ZZ 4020 TYTAN
- SIPMA ZZ 7520 TYTAN
- SIPMA ZZ 7530 TYTAN

-  DRIVE - V-BELTS
-  ENGINES POWER 4000 - 7500 W
-  2- AND 3-ROLLERS GRAIN CRUSHERS

-  DRIVE - GEARS
-  ENGINES POWER 4000 - 7500 W
-  2- AND 3-ROLLERS GRAIN CRUSHERS



Modern technology

of crushed grain fodder processing has numerous advantages over the grinding method and allows obtaining high-quality foders.

Crushing process

ensures nutritive absorption at the level of 95% (compared to only 70% of ground fodder) and significantly reduces the electrical power demand in comparison to grinding. The use of this method ensures obtaining low content of dusty fractions.

Body design ¹

ensures high tightness of the crusher and enables precise assembly of working elements.

Cast iron or steel crushing rollers with notches

ensure high efficiency as well as durability and reliability of the device.

Adjustable foot height ²

(in TYTAN series) allows for easier feeding of the material into the charging hopper or placement of a larger container under the crusher.

Three crushing rollers system

allows for crushing large grains in one run (corn, field beans, peas, field peas).

Working port adjustment mechanism ³

allows for precise adjustment of the working gap and preserves the optimal position of the crushing rollers.

Magnet cartridge

protects the crusher mechanism from unwanted metal or stones parts.

- ATLAS series ⁴
- TYTAN series ⁵



Two ways of transmitting drive

between work rolls:

- v-belts (ATLAS series) ⁶
- gears (TYTAN series) ⁷

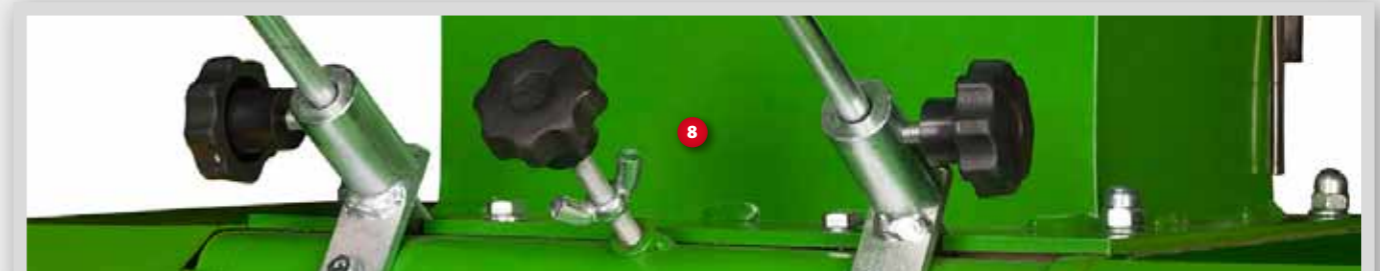


Possibility to attach a bagging machine

(additional equipment in ATLAS series) and a loading chute.

Grain dosing adjustment ⁸

allows for adjusting the amount of charged grain to the working gap size.



MODEL	ZP 4020 ATLAS	ZP 4030 ATLAS	ZP 5520 ATLAS	ZP 5530 ATLAS	ZP 7530 ATLAS	ZZ 4020 TYTAN	ZZ 7520 TYTAN	ZZ 7530 TYTAN
Engine power	kW	4	4	5,5	5,5	7,5	4	7,5
Number of rollers	pcs.	2	3	2	3	3	2	2
Width of roller	mm	160	160	200	200	300	150	300
Diameter of roller	mm	290	290	290	290	290	240	240
Working port	mm	0,1 - 0,5	0,1 - 0,5	0,1 - 0,5	0,1 - 0,5	0,1 - 0,5	0,1 - 0,5	0,1 - 0,5
Initial crushing port	mm	X	3 - 4	X	3 - 4	3 - 4	X	X
Equipment								
legs (750 mm)	●	●	●	●	●	●	X	X
adjustable legs (680 - 950 mm)	X	X	X	X	X	X	●	X
adjustable legs (700 - 950 mm)	X	X	X	X	X	X	X	X
adjustable legs (750 - 950 mm)	X	X	X	X	X	X	X	●
bag mounting	○	○	○	○	○	○	●	●
Dimensions								
length	mm	1240	1240	1200	1200	1200	1350	1350
width	mm	640	620	710	710	780	850	870
height	mm	2000	2000	1800	1800	1800	1380	1420
Weight	kg	250	270	355	375	485	196	305

● – standard, ○ – additional equipment, X – unavailable



2 YEARS WARRANTY

