



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 2220 ATLAS
- 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



Modern technology

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

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 the tightness of the crusher and allows for precise assembly of the processing features.

Cast iron or steel incised crushing rollers

ensure high output and reliability of the machine.

Adjustable foot height 2

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

MODEL		ZP 2220 ATLAS	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	2.2	4	4	5.5	5.5	7.5	4	7.5	7.5
Number of rollers	pcs	2	2	3	2	3	3	2	2	3
Roller width	mm	71	160	160	200	200	300	150	300	300
Roller diameter	mm	240	290	290	290	290	290	240	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	0.1 - 0.5	0.1 - 0.5
Initial crushing port	mm	×	×	3 - 4	×	3 - 4	3 - 4	×	×	4
Equipment										
short feet (550 mm)		●	○	○	○	○	○	×	×	×
medium feet (750 mm)		○	●	●	●	●	●	×	×	×
long feet (955 mm)		×	○	○	○	○	○	×	×	×
adjustable feet (680 – 950 mm)		×	×	×	×	×	×	●	×	×
adjustable feet (700 – 950 mm)		×	×	×	×	×	×	×	●	×
adjustable feet (750 – 950 mm)		×	×	×	×	×	×	×	×	●
bag mounting		●	○	○	○	○	○	●	●	●
Dimensions										
length	mm	1100	1240	1240	1200	1200	1200	1350	1350	1520
width	mm	720	640	620	710	710	780	850	870	910
height	mm	1200	2000	2000	1800	1800	1800	1380	1420	1580
Weight	kg	149	250	270	355	375	485	196	305	350

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



System of three crushing rollers

allows for crushing large grains in one run (corn, horse bean, pea and field pea).

Working port adjustment mechanism ³

allows for precise adjustment of the working port and preserves the alignment of the crushing rollers.

The magnet cartridge

protects the crusher mechanism from foreign metal bodies.

- ATLAS series ⁴
- TYTAN series ⁵

Two methods of drive transmission

between the working rollers:

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

Three crusher foot lengths

The ATLAS series features the possibility of using a short or long foot (additional equipment) besides the medium foot (standard equipment). The high foot allows for driving the fodder cart under the crusher.

Capability of mounting a bagging machine

(additional equipment for the ATLAS series) and a loading chute.

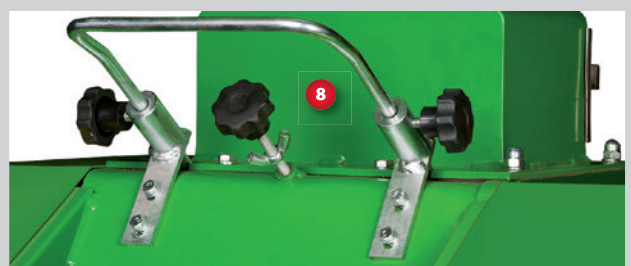
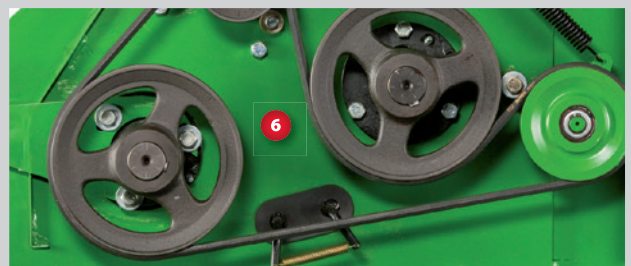
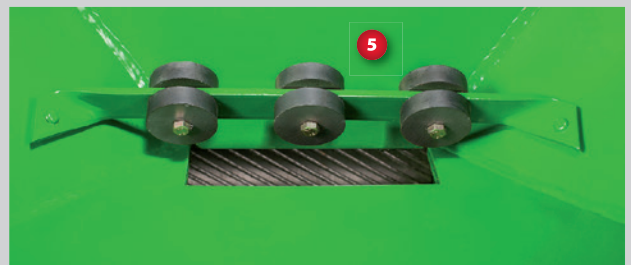
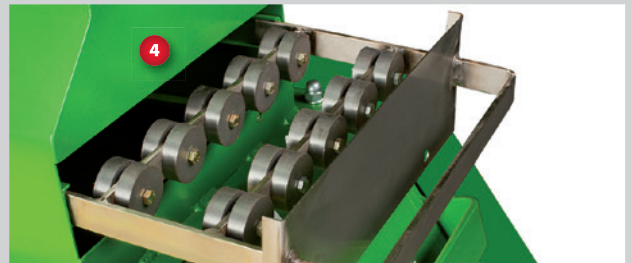
Grain feed adjustment ⁸

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

WIDE RANGE OF SIPMA CRUSHERS

In order to meet the customer demand we offer 9 models of crushers with different parameters and features as follows:

- efficiency,
- number and width of crushing rollers,
- engine power,
- working port adjustment method,
- drive transmission method,
- charge into the automatic line assembly.



TWO-YEAR WARRANTY



SIPMA S.A., ul. Budowlana 26, 20-469 Lublin, Poland
tel. (+48) 81 44 14 400, www.sipma.pl

Stamp of SIPMA Dealer



This publication is not an offer as construed by the Civil Code and is prepared for informative purposes only.
The producer reserves the right to introduce changes.