



POWER TRANSMISSION AGRICULTURAL TECHNOLOGY



NEW!
WITH **FLAT BELTS**
FOR **ROUND BALERS**



YOUR PARTNER FOR DE IN AGRICULTURE WITH A 150 YEARS OF EXPERIE

For many decades now, we have been developing and manufacturing high-quality solutions for challenging applications in agricultural engineering.

We know the special requirements in the field and the particular challenges that our belts have to contend with.



DRIVE SOLUTIONS MORE THAN FORCE



As a partner and OEM of leading manufacturers in the field of agricultural technology, Optibelt offers drive solutions that drive agriculture itself. Our drive components are not only extremely smooth running with efficient power transmission, but are also environmentally friendly.

The **optibelt AGRO POWER** product series will not let you down when it really counts.

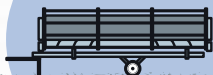
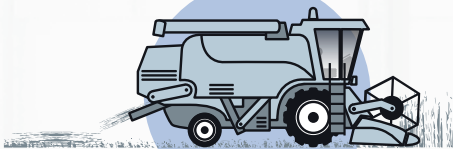
WHAT DRIVES U

In the field of agricultural technology, specialists are



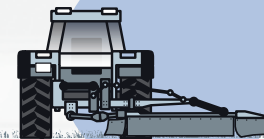
1. COMBINE HARVESTER

The combine harvesters of today are more than simple grain harvesters. In addition to productivity, in particular, diversity and reliability play a crucial role.



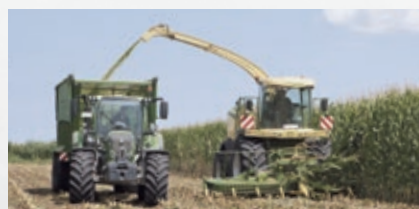
3. MOWER

Today, in addition to fuel consumption, maintenance effort and ground following systems, perfect power transmission in particular is really what counts.



2. FIELD CHOPPER

The multi-talent among harvesters. Whether maize, grass or lucerne, the requirements placed on field choppers are continually growing.



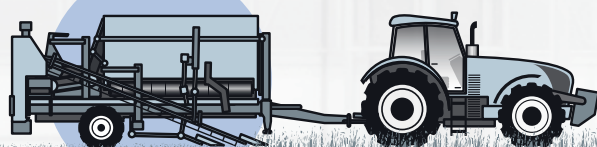
S e required.

Today's agriculture is characterised by rapid development and a continuous innovation flow. Larger, faster, further – and that at a maximum level of efficiency. The technology of sophisticated machines is becoming ever more demanding and therefore, engineers, scientists and researchers are always going beyond the limits of what is possible. It is first possible through perseverant drive components requiring a minimum level of maintenance, a great level of durability, and optimal power transmission.



5. CARROT HARVESTER

Harvesters must not only be productive, but also have to be gentle to the crops harvested. In this connection, the right belt plays a crucial role.



7. ROUND BALER

Extreme forces are at work when pressing hay bales, but our flat belts can handle them with ease.



4. MULCHER

No matter if dealing with work performed on fallow lands or landscape management. The perfect mulching mower provides a clean cut, requires a low level of pulling power, and is gentle to the ground.



6. TRACTOR

The draught horse and, at the same time, the driving power in agriculture. Here, only 100-percent reliability counts.

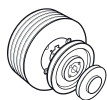


optibelt VB

CLASSIC V-BELTS AND KRAFTBANDS



V-GROOVED AND KRAFTBAND PULLEYS
all standard pulleys,
special pulleys on request



DIMENSIONS

A/13	437–5030 mm
B/17	610–7140 mm
C/22	1148–8058 mm
D/32	2075–11 275 mm
E/40	3080–12 580 mm

Other profiles + dimensions on request

ADVANTAGES AND CHARACTERISTICS

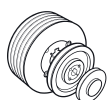
- optimal running characteristics
- abrasion-resistant cover fabric
- special drives are feasible, such as V-flat drives
- variety of special constructions
- up to 97 % efficiency
- V-belts also in reliable S=C Plus quality

optibelt SK

HIGH PERFORMANCE WEDGE BELTS AND KRAFTBANDS



V-GROOVED AND KRAFTBAND PULLEYS
all standard pulleys,
special pulleys on request



DIMENSIONS

SPZ	487–3550 mm
SPA	732–4500 mm
SPB	1250–8000 mm
SPC	2000–12 500 mm
3V/9N	25–140 inch

Other profiles + dimensions on request

ADVANTAGES AND CHARACTERISTICS

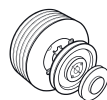
- wrapped wedge belts with abrasion-resistant cover fabric
- up to 97 % efficiency
- variety of special constructions
- high level of power transmission
- V-belts also in reliable S=C Plus quality

optibelt MARATHON X

V-BELTS



V-GROOVED PULLEYS
all standard pulleys,
special pulleys on request



DIMENSIONS

X 10–X 22; AVX 10–AVX 13

The AVX 10 and AVX 13 profiles in their cross sections and dimensions are compliant with DIN 7753 part 3 and the standards ISO 2790 and SAE.

Other profiles + dimensions on request

ADVANTAGES AND CHARACTERISTICS

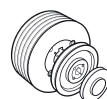
- highly durable
- high efficiency
- low-maintenance operation
- very smooth running
- outstanding tension behaviour

optibelt VARIO POWER/VS

VARIABLE SPEED BELTS



V-GROOVED PULLEYS
all standard pulleys,
special pulleys on request



DIMENSIONS

13 x 5–70 x 18	468–2500 mm
1422 V–4436 V	235–750 inch
HI–HQ	1200–3550 mm
	> 3550 mm on request

Other profiles + dimensions on request

ADVANTAGES AND CHARACTERISTICS

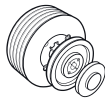
- high level of power transmission
- highly durable
- very smooth running, also in the case of high belt speeds
- high level of flexibility
- optimised heat emission

optibelt AGRO POWER VB/SK/KB

V-BELTS AND KRAFTBANDS



**V-GROOVED AND
KRAFTBAND PULLEYS**
all standard pulleys,
special pulleys on request



MANUFACTURER BELT REFERENCES

For comparison purposes, you can find common part numbers online on the ZOK homepage or in the Optibelt app.



ADVANTAGES AND CHARACTERISTICS

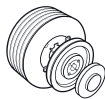
- excellent level of operational safety
- optimal running characteristics
- balanced power transmission
- extensive assortment
- environmentally friendly

optibelt AGRO POWER BKR

VARIABLE SPEED BELTS



V-GROOVED PULLEYS
all standard pulleys,
special pulleys on request



MANUFACTURER BELT REFERENCES

For comparison purposes, you can find common part numbers online on the ZOK homepage or in the Optibelt app.

ADVANTAGES AND CHARACTERISTICS

- high level of power transmission
- highly durable
- very smooth running
- high level of flexibility
- environmentally friendly
- extensive assortment

optibelt AGRO POWER RB

RIBBED BELTS



RIBBED BELT PULLEYS
standard range,
special pulleys on request



MANUFACTURER BELT REFERENCES

For comparison purposes, you can find common part numbers online on the ZOK homepage or in the Optibelt app.

ADVANTAGES AND CHARACTERISTICS

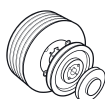
- good traction and high capacity
- low levels of noise and vibrations
- high belt speed possible
- highly flexible for serpentine belt drives for example
- environmentally friendly

optibelt VB PKR

COMBINE HARVESTER BELTS



V-GROOVED PULLEYS
all standard pulleys,
special pulleys on request



DIMENSIONS

Profiles + dimensions on request

ADVANTAGES AND CHARACTERISTICS

- ensures an excellent grip
- resistant against external influential factors such as sand or stones
- reinforced fabric providing excellent power transmission and a maximum protection against wear
- reduced maintenance costs

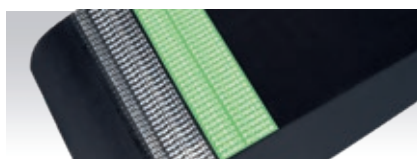


optibelt **AGRO POWER FLAT BELT** **SPECIALLY DESIGNED FOR ROUND BALERS**



optibelt **AGRO POWER FLAT BELT**

FLAT BELTS



FLAT BELT PULLEYS
special pulleys
on request



MANUFACTURER BELT REFERENCES

For comparison purposes, you can find common part numbers online on the ZOK homepage or in the Optibelt app.

ADVANTAGES AND CHARACTERISTICS

- low stretch
- high transverse stiffness
- longitudinal flexibility
- very smooth belt running
- crack inhabiting fabric