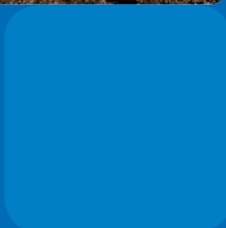
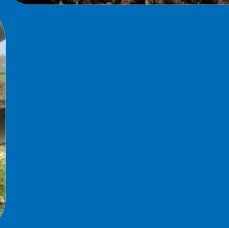
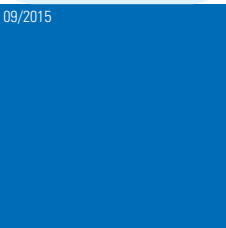
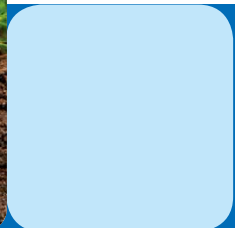
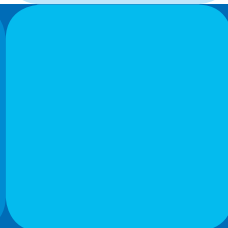
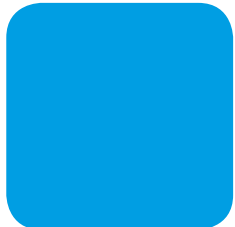




RÖCHLING

Product overview



09/2015

Agriculture and Forestry

Competence. Quality. Innovation.

Top quality and innovation are a 300-year-long tradition at Röchling Leripa Papertech. We have been producing the plastic ROBALON for 50 years now. It is a sintering plastic consisting of ultra-high-molecular-weight low-pressure polyethylene (UHMW-PE) with dry-film lubricant and UV-stabilizers.

During this time, Röchling Leripa Papertech has been providing solutions for the agricultural and forestry industry, general engineering, transport and conveying industry, timber industry, food and beverage industry, construction industry, alpine industry, environmental technology industry, apparatus and container construction industry, and many more.

ROBALON

is characterized through following properties

- Light weight
- Stain-resistant
- UV-resistant and weatherproof
- High chemical resistance
- No splits or breaks

**Excellent
GLIDING AND WEAR
PROPERTIES**

Cultivation Applications

ROBALON Moldboards & skimmers for plough

- Saves fuel (by up to -14 % compared with steel according to BLT Wieselburg)
- Pull effort reduction (by up to -13 % compared with steel according to BLT Wieselburg)
- No soil adherence
- Wear resistance of plastic is at least equitable to steel

ROBALON Scrapers for packer rollers

- Self-cleaning
- Soil does not stick
- Flexible (can be attached to the roll shell)
- Excellent wear characteristics

Harvesting Applications

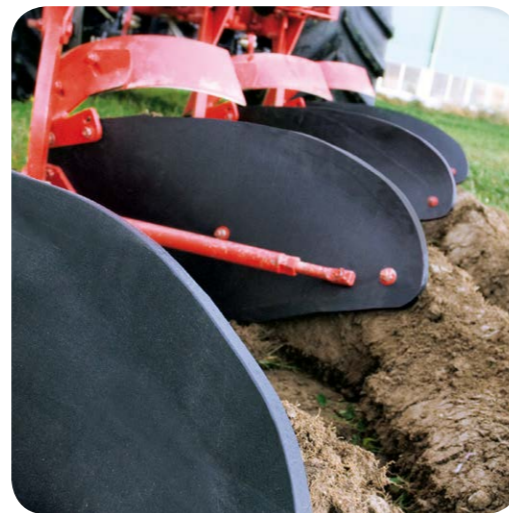
ROBALON Grain lifters

- Up to 3-fold increase in lifetime
- Tool-free quick-change system [Easy:Fix]
- Low crop losses
- Excellent crop flow

ROBALON Skid plates

- Low weight (up to 60 % lighter)
- High wear resistance
- Design variants: self-supporting / non self-supporting

Moldboards



Grassland application Rotary mowers

ROBALON Tines

- Increase in lifetime compared to original components
- Weight reduction
- Impact- and break resistant

ROBALON Skid plates

- Great wear properties
- Excellent gliding properties
- Weight reduction (up to 60 %)
- Gentle to the sward



Tines

Lateral skid plate



Skid plate



**HIGHER LIFETIME
demonstrated
by practical test**

Practical result ROBALON skids for rotary mowers

Hardened steel
ROBALON

~ 280 ha
min. 300 ha

Grain lifter



Skid plate



Spiral conveyor



Farm equipment

**High-quality linings for forage
harvesters, biogas plants,
silage trailers and much more**

ROBALON Conveyors and linings

- Chemical resistance to acids and alkalis
- Excellent slide and wear properties (by up to -20 % energy saving)
- Weight saving (by up to -50 % compared with steel or stainless steel designs)
- Self-cleaning and dirt-repellent (conveyed material does not stick)

Forestry

ROBALON Felling wedges (190, 250 + feed-up wedge)

- Low temperature resistance (-200°C)
- No splitting, chipping or breaking
- Very high impact strength

ROBALON Felling wedge duo

- Optimized combination of felling and feed-up wedge
- Adjustable lift

ROBALON Forest sled

- Body gentle
- Time saving by optimized tree felling
- Extremely robust construction

ROBALON Chain saw bar protector

- Installation on every stable surface
- Protection case
- Safety feature

ROBATEC Twitch hook for plastic rope

- High fracture strength
- Less damage to the plastic rope
- Weight-reduced solution made of aluminium and ROBATEC

ROBATEC Rope pulleys

- Most economical solution
- Weight savings
- Best running characteristics (even bearingless)

Felling wedges



Double wedge



Forest sled



Chain saw bar holder



Rope glider



Wire pulley



RÖCHLING

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