

ORIENTAL

CONVEY | ALL | THE | WAY



IT'S

PAYBACK TIME

MAXX **POWERSAVE**[™]

Our focus to sustain the ecosystem has led Oriental to take a holistic approach and promote the use of new generation products. Mining is a power intensive activity and the rising cost of energy has a direct impact on the financial viability of every venture.

It's Payback Time.

With these challenges of conserving resources and saving costs, we have developed our **MAXX POWERSAVE®** belts.

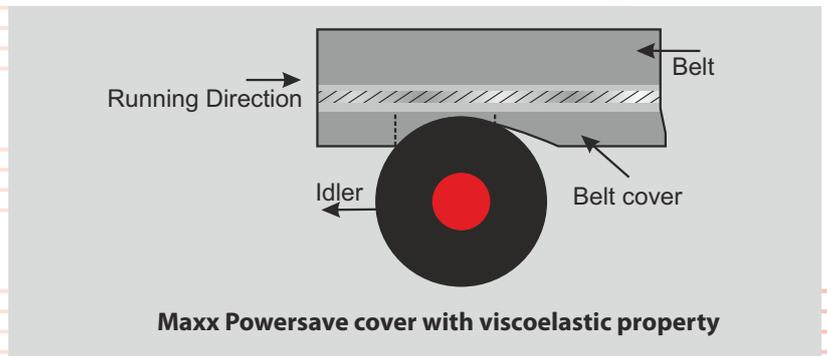
It is estimated that about 60% of the energy consumed in a conveying operation is attributed to the rolling resistance of the belt as it passes over the idlers. Therefore, our aim has been to reduce the energy consumed whilst conveying. This has been achieved by our technologists changing the visco elastic behaviour of rubber in the bottom cover and also by reducing the cover thickness. The effect - lower cover deformation and thus lower elastic response directly resulting in reducing the rolling resistance of the belt.



**UPTO
45%
POWER
SAVING!!**

MAXX POWERSAVE® is our energy saver for your plant!

The belt is supplied with a Low Rolling Resistance (LRR) cover on the pulley side. Our innovative approach has enabled us to take a lead in offering special cover grades with Powersave® features to fit each application – Abrasion, Fire, Oil or Heat resistant. This variant is offered across our portfolio of carcass types - MAXX STEELFLEX™, MAXX ROUND®, MAXX ARMOUR™ and plied EP/NN belts.



Available in two variants:

1. **MAXX POWERSAVE®** Super
2. **MAXX POWERSAVE®** Ultra

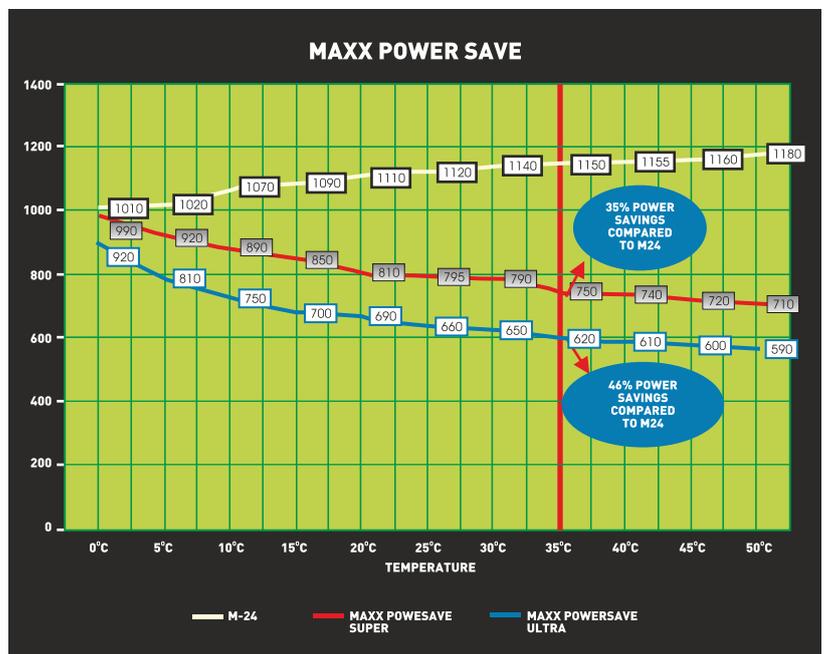
In typical Indian conditions having operating temperatures of +/- 35°C, our MAXX POWERSAVE® Super can result in savings of 35% as compared to standard M24 type covers. The MAXX POWERSAVE® Ultra is capable of even higher savings upto 45%. (as per simulated test conducted by leading test lab in USA on a typical 3 km long horizontal conveyor)

MAXX POWERSAVE® conveyor belts are recommended specially for horizontal and long haul conveyors to derive maximum savings.

The regulatory authorities across the world have created a new awareness amongst mining companies to realise reduction in energy consumption and reduce the carbon emissions.

We strongly recommend the adoption of **MAXX POWERSAVE®** for specific conveyors and can be combined with MAXX ARMOUR™ (aramid belts) and MAXX TRAK® (ceramic lagging) for maximising the savings.

INTERNATIONAL LABORATORY FINDINGS



MAXX POWERSAVE®

