SFT CHO (Cyclic Harvesting Operation)
Reliability meets flexibility – maximize your yields!

Mitás Agricultural Tyres
The SFT CHO (Cyclic Harvesting Operation) has been designed for maximum load carry capacity with significantly lower inflation pressure.

With the SFT CHO series Mitas has developed an extremely reliable tyre for large combine harvesters, heavy spreaders or grain handling equipment. SFT CHO is capable of carrying higher maximum loads than standart tyres. The SFT CHO is also capable of supporting optimal conditions during cyclic harvesting operations.

Its outstanding low ground pressure capability extends the time frame for harvesting as the SFT CHO performs superbly even on moist or wet soil conditions.

Cyclic loads, by the loading and unloading the grain tank, can vary the tire load by up to 100% requiring a higher inflation pressure during cyclic harvest operations.

The solution is the Mitas SFT CHO's design and reliability.

### Mobility increase

The optimised sidewall combined with the unique hexacore bead technology provides:

- A tight and secure fit on the rim to prevent slippage
- High resistance against bead and lower sidewall deformation
- Long reliable service life despite low operating tire pressure.

### Use of Standard rims!

The optimised sidewall combined with the unique hexacore bead technology results in:

- A larger footprint!
- Reduces soil compaction thanks to a larger footprint!
- Excellent driving stability and comfort!

### Footprint

Min. inflation pressure during cyclic harvest operation!

- e.g. 800/70 R 32 SFT CHO 1.6 bar vs. standard tyre 3.0 bar at a load of 10 710 kgs

### Higher maximum load capacity!

SFT CHO vs. standard tyre SFT at the same air pressure

### Minimum inflation pressure

- 3.0 bar 10 710 kgs
- 2.3 bar 10 710 kgs
- 1.6 bar 10 710 kgs

### Fulfils all legal requirements!

- Smaller vehicle width
- Use of Standard rims!
- No special rims required

### Technical data and load capacities

<table>
<thead>
<tr>
<th>Tyre size</th>
<th>Rated bar</th>
<th>Tyre pressure</th>
<th>Legal load</th>
<th>Loading capacity (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>800/70 R 32 CHO</td>
<td>3.0</td>
<td>10 710 kgs</td>
<td>10 710 kgs</td>
<td>10 710 kgs</td>
</tr>
<tr>
<td>800/70 R 32 CHO</td>
<td>2.3</td>
<td>10 710 kgs</td>
<td>0.7 kgs</td>
<td>0.7 kgs</td>
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<tr>
<td>800/70 R 32 CHO</td>
<td>1.6</td>
<td>10 710 kgs</td>
<td>1.6 kgs</td>
<td>1.6 kgs</td>
</tr>
</tbody>
</table>

All load values are valid for ground slopes up to and including 20% (11°). When operating on slopes greater than 20%, please, contact the producer.

For intensive road transport at 65/50/40/30 km/h the pressure must be increased by 0.4 bar. Maximum inflation pressure should never be exceeded.

# Conclusion

The SFT CHO series provides a significant improvement in performance, safety, and efficiency for cyclic harvesting operations.