



CombiBreaker Mini Titan

The **CombiBreaker Mini Titan** is the ultimate hybrid solution for breaking frozen blocks or crushing any kind of bones!

The **single shaft CombiBreaker Mini Titan** is developed for small to mid-size production equipped with a 18,5 kW motor as standard.

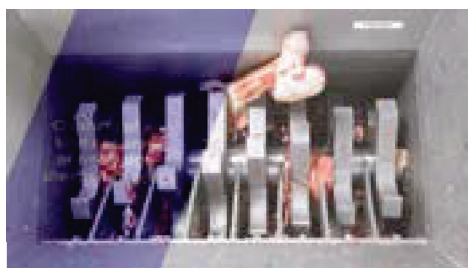
The **smart crushing shaft technology** reduces power consumption and guarantees a smooth crushing or breaking cut – with capacity even up to 5 ton/hour!

The **infeed hopper** is 950 x 700 mm, operation area 800 x 410 mm as standard – other measures are tailor-made upon request.

The **outfeed particle size** is approx. 100 x 80 mm (frozen blocks) and approx 100 x 50 mm (bones).

Features / CombiBreaker Mini Titan:

- Very strong and durable design
- Powerful cut
- High efficiency and very high reliability
- High safety fulfilling CE-requirements
- High cleanability
- Low power consumption
- Frame and main shaft manufactured in stainless steel AISI 304 (Carbon steel upon request)
- Center axle Main shaft in carbon steel and surface treated
- Flexible approach for controlling the machine





Technical specification

Dimension:

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|--------|---------|
| Length | 2300 mm |
| Width | 590 mm |
| Height | 1515 mm |
| Weight | 1600 kg |

Power transmission:

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|------------|---------------------------------|
| Gearbox | SEW Gear motor R137 DRN180M4/TF |
| Ratio | 80,91:1 |
| Oil type | Shell Omala S2 G220 |
| Oil amount | 10 Liters |
| Coupling | Code. 204015 |

Electrical Engine:

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|-----------|----------------|
| Type | SEW Gear motor |
| Power | 18,5 kW |
| Voltage | 400/690 V |
| Ampere | 33,5/19,3 A |
| Frequency | 50 Hz |
| Speed | 1478 rpm |

Generally:

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|------------------|---------------|
| Control box | Rittal HD |
| Main shaft speed | 18 rpm |
| Capacity | up to 5 ton/h |
| Input opening | 800 x 410 mm |

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|----------------------|------------------|
| Output particle size | max. 100 x 80 mm |
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Equipment:

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| Main shaft Counter blade | 8 teeth code: V70-003_1-7 standard 7 Pcs |
|--------------------------|---|

