

## Torque multipliers MULTIPOWER

### MP300-5000



Product no.	<b>53035000</b>
GTIN	<b>4018754186822</b>
Model	<b>MULTIPOWER MP300-5000</b>

#### Label.

Torque multiplier MULTIPOWER 5000N·m Internal square drive 3/4" External square 1 1/2"

#### Properties.

- easy transmission of the highest torques
- planetary gears with overload protection
- robust design for high torques up to 5,000 N·m/3,687 ft·lb
- up to 12,000 N·m/8,850 ft·lb available on request
- with anti-backlash protection (models 2,000 N·m onwards)
- with a spare sun wheel (overload protection)
- in carrying case
- **accuracy  $\pm 5\%$**

#### Benefits.

Powerful torque multiplier for demanding screwdriving applications, e.g. in machine and plant engineering, in industry, construction, agriculture and automotive applications.

Robust, compact design for maximum power transmission with minimum space requirements.

The MULTIPOWER from 2,000 N·m are additionally equipped with a backstop.

Practical application with a torque wrench or torque screwdriver.

Mechanical overload protection reliably protects the planetary gear from excessive torque.

## Product highlights.



PRODUCT IMAGE  
IN PROGRESS

### **Maximum force with minimum effort.**

Thanks to the planetary gear ratio, the MULTIPOWER reduces effort even at high torques. This means that compact torque wrenches with a smaller measuring range can also be used when bolted connections with high tightening torques have to be assembled.



PRODUCT IMAGE  
IN PROGRESS

### **Safe thanks to overload protection.**

The integrated overload mechanism in the MULTIPOWER reliably protects against exceeding the permissible output torque. This effectively prevents mechanical damage to the gear and housing - for maximum safety and durability in daily use.



PRODUCT IMAGE  
IN PROGRESS

### **Robust and low maintenance.**

The closed gear housing is made of high-quality hardened steel. It protects the mechanics from dust, dirt and oil. This ensures that the system remains durable and virtually maintenance-free, even when used in harsh outdoor conditions or in workshops.

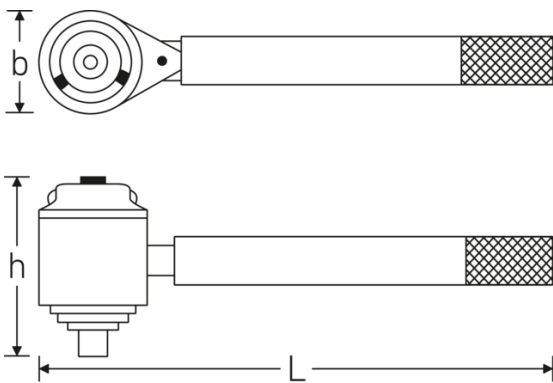


PRODUCT IMAGE  
IN PROGRESS

### **Fits into any system.**

With an internal square, our torque multiplier is compatible with all common torque wrenches and torque screwdrivers. Simply plug in and get started.

## Technical drawing.



## Technical attributes.

Size	5000
Anzeigeabweichung	± 5 %
Length mm (L)	400 mm
Width mm (b)	120 mm
Height mm (h)	180 mm
External square [inch]	1 1/2 "
Torque ratio	1 : 17,0
Gear ratio	20 : 1
Internal square [inch]	3/4 "
max. output capacity E1	5000 N·m
max. output capacity E2	3687 ft·lb
max. input capacity E1	294 N·m
max. input capacity E2	217 ft·lb
Weight with box	14000 g

## Logistics data.

Product no.	53035000
GTIN	4018754186822
Weight (g)	10400 g
Volume (packaged, dm <sup>3</sup> )	15.34 dm <sup>3</sup>
Packing standard	1
WEEE/ElektroG	nicht ear-pflichtig
Customs tariff no.	82041100
Country of origin AWR	GERMANY
Region of origin	Nordrhein-Westfalen
Depth mm (IFS)	325
Width mm (IFS)	295
Height mm (IFS)	160
Weight (gross, kg)	14,000
Weight PAP (kg)	0,400
Weight PVC (kg)	0,000
Length (packaged, mm)	325
Width (packaged, mm)	295
Height (packaging, mm)	160

## GTIN.



## Images.



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