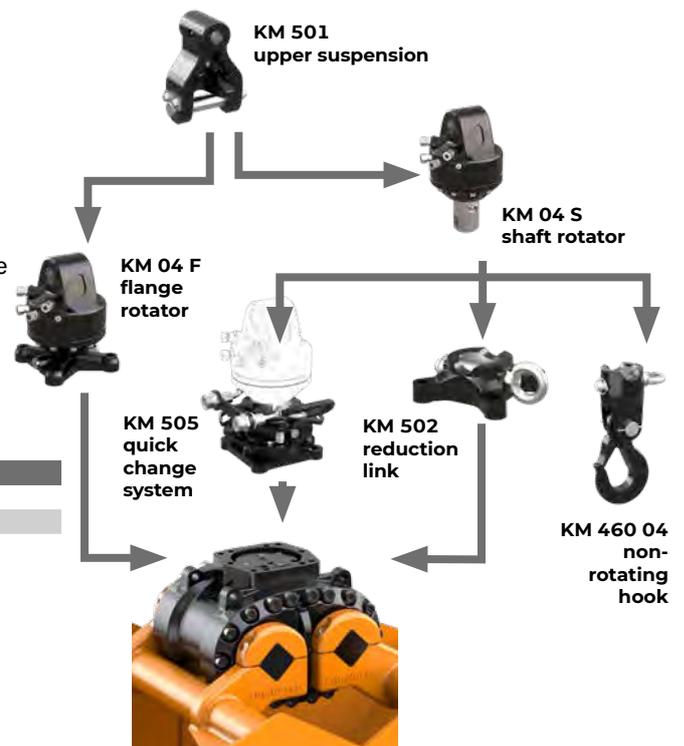


# HPXdrive Heavy Duty

# Drive Unit for heavy tasks

The **HPXdrive Heavy Duty** is a powerful version for difficult tasks. The advantages of the **HPXdrive**-technology - the constant high closing force and the compact design - guarantee a long life and reliability.

The standard rotator of the **HPXdrive Heavy Duty** is the **KINSHOFER** rotator with flange KM 04 F140-30V. In case a quick change to a non-rotating hook is necessary, the **HPXdrive** can be delivered with the **KINSHOFER** shaft rotator KM 04 S in combination with the quick change system KM 505 or the reduction link KM 502.



### Technical information HPXdrive Heavy Duty:

<b>Torque (at 32 MPa):</b>	21000 Nm
<b>Operating pressure at oil flow:</b>	max. 32 MPa (320 bar) at 40 - max. 90 l/min Mind the pressure! ⚠

### HPXdrive Heavy Duty with flange rotator HPX-HD-04F-30V

<b>Package consists of:</b>	upper suspension KM 501 (4500), rotator KM 04 F140-30V, drive unit HPXdrive Heavy Duty with non-return valve
-----------------------------	--

<b>Self weight:</b>	195 kg
---------------------	--------

<b>Height:</b>	510 mm
----------------	--------



### HPXdrive Heavy Duty/502 with shaft rotator and reduction link HPX-HD-502

<b>Package consists of:</b>	upper suspension KM 501 (4500), rotator KM 04 S, reduction link KM 502 (4500), short connecting hoses KM 203 01, drive unit HPXdrive Heavy Duty with non-return valve
-----------------------------	---

<b>Self weight:</b>	200 kg
---------------------	--------

<b>Height:</b>	565 mm
----------------	--------



### HPXdrive Heavy Duty/505 with shaft rotator and quick change system HPX-HD-505

<b>Package consists of:</b>	upper suspension KM 501 (4500), rotator KM 04 S, quick change system KM 505, short connecting hoses KM 203 01, drive unit HPXdrive Heavy Duty with non-return valve
-----------------------------	---

<b>Self weight:</b>	205 kg
---------------------	--------

<b>Height:</b>	605 mm
----------------	--------

<b>Note:</b>	for heavy duty tasks we recommend the quick change system KM 505 HD in combination with KM 04 S68-30US
--------------	--



**Please note:** The drive unit **HPXdrive Heavy Duty** can only be used in combination with **KINSHOFER** rotator and shells.

# Exchangeable Shells

# HPXdrive Heavy Duty

The bucket shells of the **HPXdrive Heavy Duty** are bolted to the shafts, and therefore it is very easy to replace them with another set of shells. Different types of shells for different applications can be refitted onto the driving unit, e.g. clamshell bucket, rock grapple, timber grapple, hay and forestry grapple. Other types of shells are available on request.

The interchangeable shells are delivered with an exchange aid that guarantees the **HPXdrive Heavy Duty** can be positioned with ease.



**Package consists of:** exchangeable shells, bolt-on teeth (for KM 605HPX), exchange aid kit



Type	Volume (litre)	Width (mm)	Opening max. (mm)	Number of teeth/tines	Self weight (kg)
<b>Shells for heavy duty clamshell bucket - KM 605HPX</b>					
<b>KM 605HPX-200S</b>	200	400	1420	4	140
<b>KM 605HPX-250S</b>	250	500	1420	4	170
<b>KM 605HPX-350S</b>	350	650	1420	6	200
<b>KM 605HPX-450S</b>	450	800	1420	6	225
<b>KM 605HPX-550S</b>	550	1000	1420	8	265



<b>Shells for heavy duty clamshell bucket for Z-cranes - KM 605HPX-Z</b>					
<b>KM 605HPX-Z-240S</b>	240	500	1420	-	180
<b>KM 605HPX-Z-300S</b>	300	650	1420	-	210
<b>KM 605HPX-Z-370S</b>	370	800	1420	-	235
<b>KM 605HPX-Z-460S</b>	460	1000	1420	-	275



<b>Shells for heavy duty clamshell bucket with open shells - KM 605U HPX</b>					
<b>KM 605U HPX-300S</b>	300	670	1545	-	240
<b>KM 605U HPX-400S</b>	400	820	1545	-	260
<b>KM 605U HPX-450S</b>	450	920	1545	-	275
<b>KM 605U HPX-500S</b>	500	1020	1545	-	295



<b>Shells for heavy duty clamshell bucket with open shells for Z-cranes - KM 605U HPX-Z</b>					
<b>KM 605U HPX-Z-400S</b>	400	820	1545	-	275
<b>KM 605U HPX-Z-450S</b>	450	920	1545	-	285
<b>KM 605U HPX-Z-500S</b>	500	1020	1545	-	300
<b>KM 605U HPX-Z-600S</b>	600	1220	1545	-	335



<b>Tines for heavy duty rock grapple - KM 613HPX-HD</b>					
<b>KM 613HPX-HD-0,35S</b>	0,35 m <sup>2</sup>	400	1705	-	135



<b>Tines for heavy duty timber grapple - KM 632HPX-HD</b>					
<b>KM 632HPX-HD-0,16S</b>	0,16 m <sup>2</sup>	400	1290	-	90



<b>Tines for heavy duty hay and forestry grapple - KM 641HPX-HD</b>					
<b>KM 641HPX-HD-0,4S</b>	0,40 m <sup>2</sup>	940	1720	7	195

**Please note:** The drive unit **HPXdrive Heavy Duty** can only be used in combination with **KINSHOFER** rotator and shells.