



***DHG***

**Hydraulic  
timber grabs**

  
**DEHACO**

English



## Dehaco hydraulic timber grabs

The Dehaco timber grabs are the result of the experience that Dehaco has gained in more than 30 years. The weight of the grabs is relatively low and the volume is large, and yet they are very powerful, reliable and user friendly.

This brochure provides an overview of the different models, the possible applications and technical specifications.

Models with a slewing ring have an unprecedented manoeuvrability, due to a 360° hydraulic rotation. The dust seal of the hinges provides a lasting, trouble-free operation.

From the DHG602-R up, all models are provided with two rotation motors, ensuring a much better distribution of forces on the slewing ring. The models upwards from DHG802 are made with two cylinders for an optimum power distribution, allowing the shells to close simultaneously.

Rental is a good way to discover what Dehaco's grabs are capable of. A guide with rental equipment can be found on our website: [www.dehaco.nl](http://www.dehaco.nl)



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## Features

### Hydraulic timber grabs

#### 360° hydraulic rotation

High manoeuvrability due to 360° hydraulic rotation - DSG-R

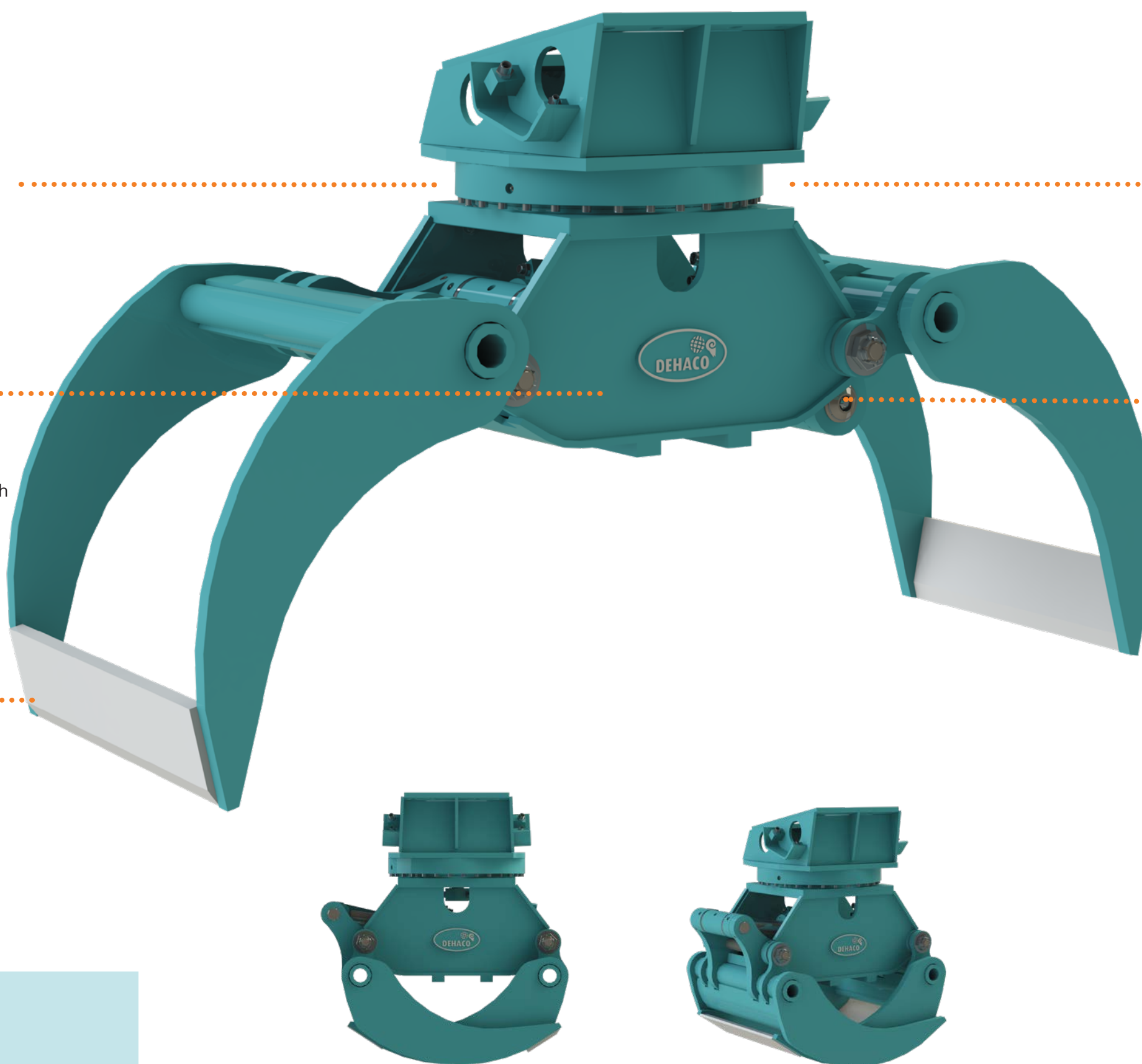
#### Dual rotation motors

From the DHG603-R up, all models are equipped with dual rotation motors. A great benefit of this is that power distribution on the slewing ring is much better.

#### Wear-resistant Hardox 400 cutting Edges

#### Optional

- Available with load holding valve
- Sprayed in the required colour
- Doubling of the rotation motors



#### Slewing ring

All DHG-R timber grabs are equipped with an substantial slewing ring. As a result, all models are ultimately suitable for the heaviest applications, even for demolition work.

#### Optimum power distribution due to double cylinder

From the DHG802 up, all models are equipped with two cylinders. Consequently the power distribution is much better on the shells, as a result of which they close simultaneously.

#### Minimum wear and tear

Due to the special cylinder design and the equaliser, movement is kept to a minimum, resulting in almost no wear to the internal hoses.

#### Cylinders with cushion dampening

DHG timber grabs cylinders are equipped with cushion dampening, resulting in the shells closing without creating shocks to the excavator or damage to the main frame of the grab.

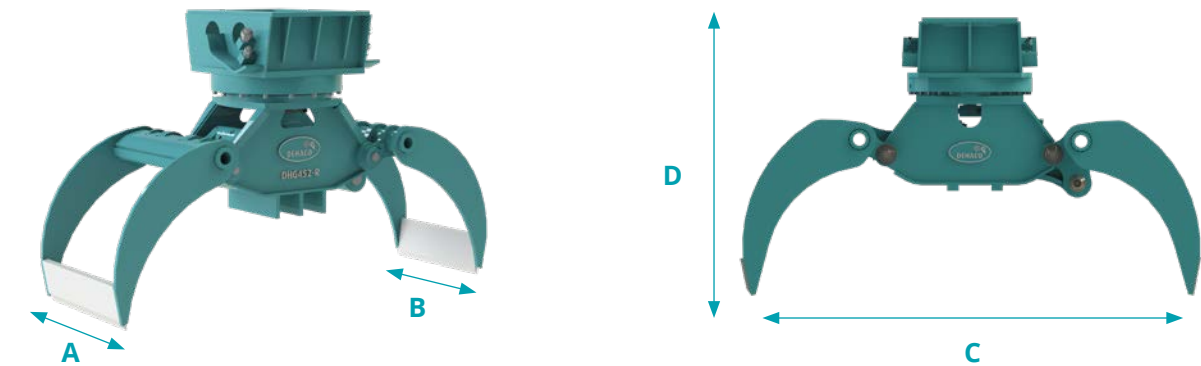


Hydraulic timber grabs

DHG150-R - DHG2700-R with rotation

Technical specifications


		DHG150-R	DHG450-R	DHG452-R	DHG602-R	DHG802-R	DHG1102-R	DHG1202-R	DHG1802-R	DHG1900-R	DHG2700-R
Carrier weight class <sup>(1)</sup>	t	1,2-3	5-8	6-11	10-16	12-20	16-24	17-28	24-35	25-38	30-50
Operational weight <sup>(2)</sup>	kg	150	350	450	800	1.000	1.000	1.500	1.600	1.800	2.900
Nr. of cylinders		1	1	1	1	2	2	2	2	2	2
Nr. of rotation motors		1	1	1	2	2	2	2	2	2	2
Operating pressure	bar	300	300	320	350	350	350	350	350	350	350
Operating pressure rotation	bar	170-210	190-210	190-210	190-210	190-210	190-210	190-210	190-210	190-210	190-210
Oil flow	l/min	25	50	70	100	120	120	160	160	160	200
Oil flow rotation	l/min	10	12	15	25	25	35	35	35	35	40
Shell width wide A	mm	450	550	550	515	735	910	910	910	910	12.00
Shell width small B	mm	400	500	500	435	635	650	810	810	810	1.000
Width opened C	mm	1.100	1.540	1.540	2.050	2.050	2.050	2.250	2.250	2.250	2.850
Height D	mm	765	1.000	1.100	1.350	1.340	1.340	1.550	1.550	1.550	1.900
Minimum diameter	mm	80	70	70	120	125	125	200	200	200	225
Closing force	kN	15	24	24	35	46	46	68	68	68	90
Article number		1410.0006	1410.0011	1410.0009	1410.0003	1410.0022	1410.0040	1410.0008	1410.0048	1410.0018	1410.0007




(1) Weights only apply to standard carriers.  
Each deviation must be agreed upon with Dehaco and/or manufacturer of the carrier prior to assembly.  
(2) Net weight including top bracket (approximate).




# Hydraulic timber grabs

Carrier weight class  1,2 - 3 ton			DHG150-R
Operational weight	kg	150	
Operating pressure	bar	300	
Operating pressure rotation	bar	170-210	
Oil flow	l/min	25	
Oil flow rotation	l/min	10	
Closing force	kN	15	
Article number		1410.0006	




Carrier weight class  5 - 8 ton			DHG450-R
Operational weight	kg	350	
Operating pressure	bar	300	
Operating pressure rotation	bar	190-210	
Oil flow	l/min	50	
Oil flow rotation	l/min	12	
Closing force	kN	15	
Article number		1410.0011	




Carrier weight class  6 - 11 ton			DHG452-R
Operational weight	kg	450	
Operating pressure	bar	320	
Operating pressure rotation	bar	190-210	
Oil flow	l/min	70	
Oil flow rotation	l/min	15	
Closing force	kN	24	
Article number		1410.0009	




Carrier weight class  10 - 16 ton			DHG602-R
Operational weight	kg	800	
Operating pressure	bar	350	
Operating pressure rotation	bar	190-210	
Oil flow	l/min	100	
Oil flow rotation	l/min	25	
Closing force	kN	35	
Article number		1410.0003	




Carrier weight class  12 - 20 ton			DHG802-R
Operational weight	kg	1.000	
Operating pressure	bar	350	
Operating pressure rotation	bar	190-210	
Oil flow	l/min	120	
Oil flow rotation	l/min	25	
Closing force	kN	46	
Article number		1410.0022	




Carrier weight class  16 - 25 ton			DHG1102-R
Operational weight	kg	1.000	
Operating pressure	bar	350	
Operating pressure rotation	bar	190-210	
Oil flow	l/min	120	
Oil flow rotation	l/min	35	
Closing force	kN	46	
Article number		1410.0040	




Carrier weight class  17 - 28 ton			DHG1202-R
Operational weight	kg	1.500	
Operating pressure	bar	350	
Operating pressure rotation	bar	190-210	
Oil flow	l/min	160	
Oil flow rotation	l/min	35	
Closing force	kN	68	
Article number		1410.0008	




Carrier weight class  20 - 25 ton			DHG1802-R
Operational weight	kg	1.600	
Operating pressure	bar	350	
Operating pressure rotation	bar	190-210	
Oil flow	l/min	160	
Oil flow rotation	l/min	35	
Closing force	kN	68	
Article number		1410.0048	



Carrier weight class  25 - 35 ton			DHG1900-R
Operational weight	kg	1.800	
Operating pressure	bar	350	
Operating pressure rotation	bar	190-210	
Oil flow	l/min	160	
Oil flow rotation	l/min	40	
Closing force	kN	90	
Article number		1410.0018	



Carrier weight class  30 - 50 ton			DHG2700-R
Operational weight	kg	2.900	
Operating pressure	bar	350	
Operating pressure rotation	bar	190-210	
Oil flow	l/min	200	
Oil flow rotation	l/min	40	
Closing force	kN	90	
Article number		1410.0007	

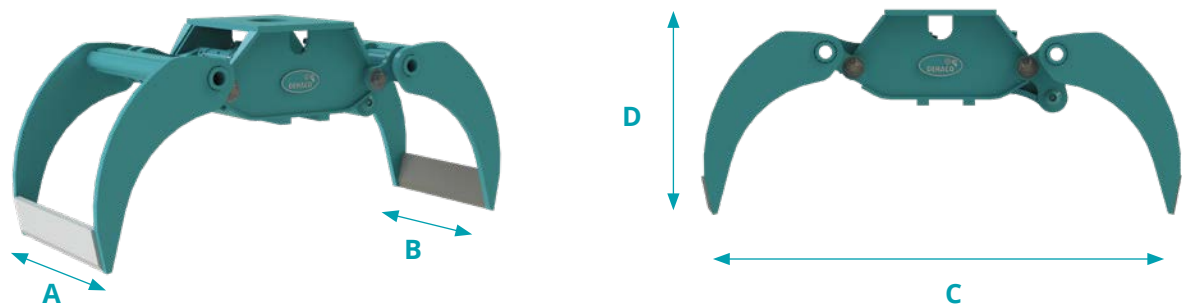


# Hydraulic timber grabs

## DHG150-F - DHG1202-F without rotation


Technical specifications

		DHG150-F	DHG450-F	DHG602-F	DHG802-F	DHG1202-F
Carrier weight class <sup>(1)</sup>	t	1,2-3	5-8	10-16	12-20	17-28
Operational weight <sup>(2)</sup>	kg	110	280	506	720	1.200
Nr. of cylinders		1	1	2	2	2
Operating pressure	bar	300	300	350	350	350
Oil flow	l/min	25	50	100	120	160
Shell width wide A	mm	450	550	515	735	910
Shell width small B		400	500	435	635	810
Width opened C	mm	1.100	1.540	2.050	2.050	2.250
Height D	mm	765	1.000	1.350	1.340	1.550
Minimum diameter	mm	80	70	120	125	200
Closing force	kN	15	24	35	46	68
Artikelnummer		1410.0024	1410.0028	1410.0014	1410.0019	1410.0044




(1) Weights only apply to standard carriers.  
Each deviation must be agreed upon with Dehaco and/or manufacturer of the carrier prior to assembly.  
(2) Net weight including top bracket (approximate).


## Hydraulic timber grabs without rotation

Carrier weight class 	1,2 - 3 ton	DHG150-F
Operational weight	kg	110
Operating pressure	bar	300
Oil flow	l/min	25
Closing force	kN	15
Article number		1410.0024




Carrier weight class 	5 - 8 ton	DHG450-F
Operational weight	kg	280
Operating pressure	bar	300
Oil flow	l/min	50
Closing force	kN	24
Article number		1410.0028




Carrier weight class 	10 - 16 ton	DHG602-F
Operational weight	kg	506
Operating pressure	bar	350
Oil flow	l/min	100
Closing force	kN	35
Article number		1410.0014



Carrier weight class 	12 - 20 ton	DHG802-F
Operational weight	kg	720
Operating pressure	bar	350
Oil flow	l/min	120
Closing force	kN	46
Article number		1410.0019



Carrier weight class 	17 - 28 ton	DHG1202-F
Operational weight	kg	1.200
Operating pressure	bar	350
Oil flow	l/min	160
Closing force	kN	68
Article number		1410.0044



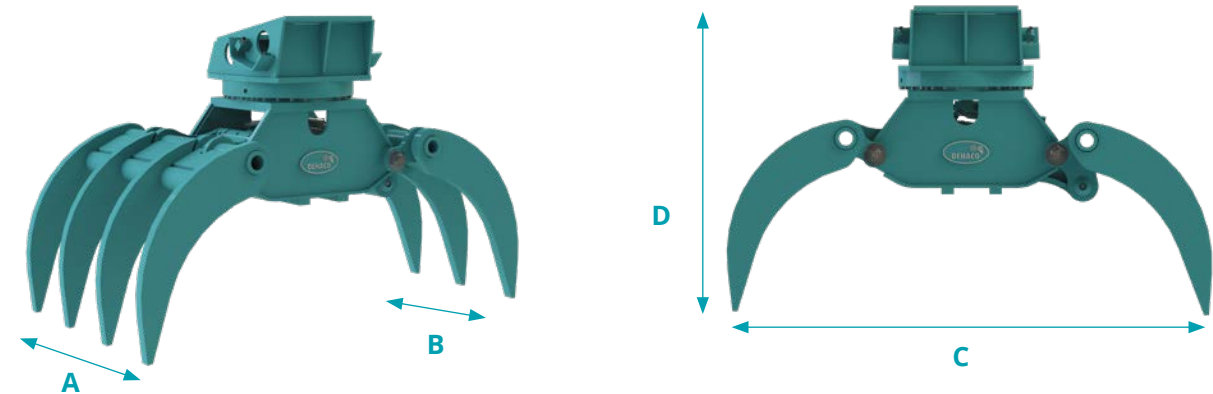


# Hydraulic timber grabs 7-teeth

## DHG150-7T-R - DHG1900-7T-R with rotation

Technical specifications


		DHG150-7T-R	DHG450-7T-R	DHG452-7T-R	DHG602-7T-R	DHG802-7T-R	DHG1102-7T-R	DHG1202-7T-R	DHG1802-7T-R	DHG1900-7T-R
Carrier weight class <sup>(1)</sup>	t	1,5-4	5-8	6-11	10-16	12-20	16-24	17-28	20-25	25-38
Operational weight <sup>(2)</sup>	kg	160	400	500	920	1.100	1.150	1.700	1.800	2.050
Nr. of cylinders		1	1	1	2	2	2	2	2	2
Nr. of rotation motors		1	1	1	2	2	2	2	2	2
Operating pressure	bar	300	300	320	350	350	350	350	350	350
Operating pressure rotation	bar	170-210	190-210	190-210	190-210	190-210	190-210	190-210	190-210	190-210
Oil flow	l/min	30	50	70	100	120	120	170	170	170
Oil flow rotation	l/min	10	12	15	25	25	35	35	35	35
Shell width wide A	mm	450	735	735	800	910	910	1.230	1.230	1.230
Shell width small B	mm	330	500	500	535	650	650	840	840	840
Width opened C	mm	1.100	1.540	1.540	2.050	2.050	2.050	2.250	2.250	2.250
Height D	mm	765	1.000	1.100	1.350	1.340	1.340	1.550	1.550	1.550
Minimum diameter	mm	80	70	70	120	125	125	200	200	200
Closing force	kN	15	24	24	35	46	46	68	68	68
Article number		1410.0023	1410.0029	1410.0033	1410.0016	1410.0017	1410.0042	1410.0045	1410.0049	1410.0047




(1) Weights only apply to standard carriers.  
 Each deviation must be agreed upon with Dehaco and/or manufacturer of the carrier prior to assembly.  
 (2) Net weight including top bracket (approximate).




# Hydraulic timber grabs with rotation

Carrier weight class  1,5 - 4 ton			DHG150-7T-R
Operational weight	kg	160	
Operating pressure	bar	300	
Operating pressure rotation	bar	170-210	
Oil flow	l/min	30	
Oil flow rotation	l/min	10	
Closing force	kN	15	
Article number		1410.0023	




Carrier weight class  5 - 8 ton			DHG450-7T-R
Operational weight	kg	400	
Operating pressure	bar	300	
Operating pressure rotation	bar	190-210	
Oil flow	l/min	50	
Oil flow rotation	l/min	12	
Closing force	kN	24	
Article number		1410.0029	




Carrier weight class  6 - 11 ton			DHG452-7T-R
Operational weight	kg	500	
Operating pressure	bar	320	
Operating pressure rotation	bar	190-210	
Oil flow	l/min	70	
Oil flow rotation	l/min	15	
Closing force	kN	24	
Article number		1410.0033	




Carrier weight class  10 - 16 ton			DHG602-7T-R
Operational weight	kg	920	
Operating pressure	bar	350	
Operating pressure rotation	bar	190-210	
Oil flow	l/min	100	
Oil flow rotation	l/min	25	
Closing force	kN	35	
Article number		1410.0016	




Carrier weight class  12 - 20 ton			DHG802-7T-R
Operational weight	kg	1100	
Operating pressure	bar	350	
Operating pressure rotation	bar	190-210	
Oil flow	l/min	120	
Oil flow rotation	l/min	25	
Closing force	kN	46	
Article number		1410.0017	




Carrier weight class  16 - 24 ton			DHG1102-7T-R
Operational weight	kg	1150	
Operating pressure	bar	350	
Operating pressure rotation	bar	190-210	
Oil flow	l/min	120	
Oil flow rotation	l/min	35	
Closing force	kN	46	
Article number		1410.0042	




Carrier weight class  17 - 28 ton			DHG1202-7T-R
Operational weight	kg	1.700	
Operating pressure	bar	350	
Operating pressure rotation	bar	190-210	
Oil flow	l/min	170	
Oil flow rotation	l/min	35	
Closing force	kN	68	
Article number		1410.0045	



Carrier weight class  20 - 25 ton			DHG1802-7T-R
Operational weight	kg	1.800	
Operating pressure	bar	350	
Operating pressure rotation	bar	190-210	
Oil flow	l/min	170	
Oil flow rotation	l/min	35	
Closing force	kN	68	
Article number		1410.0049	



Carrier weight class  25 - 25 ton			DHG1900-7T-R
Operational weight	kg	2.050	
Operating pressure	bar	350	
Operating pressure rotation	bar	190-210	
Oil flow	l/min	170	
Oil flow rotation	l/min	35	
Closing force	kN	68	
Article number		1410.0047	



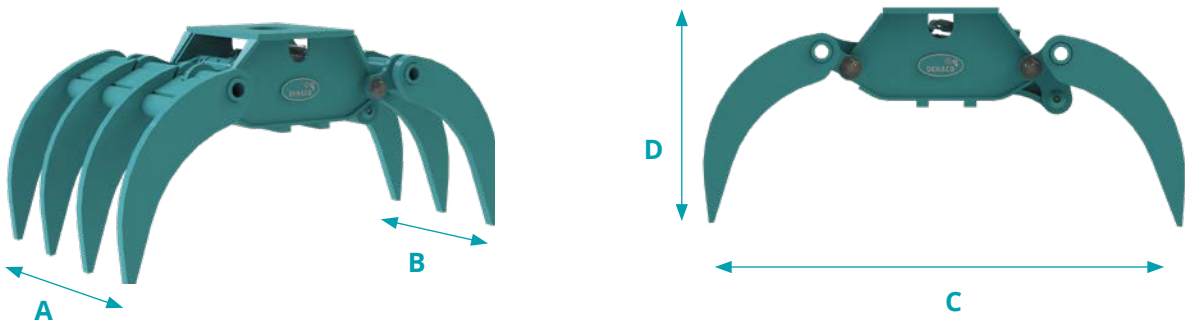


# Hydraulic timber grabs 7-teeth

## DHG150-7T-R - DHG1202-7T-R without rotation


Technical specifications

		DHG150-7T-F	DHG450-7T-F	DHG602-7T-F	DHG802-7T-F	DHG1202-7T-F
Carrier weight class <sup>(1)</sup>	t	1,5-4	5-8	10-16	12-20	17-28
Operational weight <sup>(2)</sup>	kg	120	330	680	840	1.400
Nr. of cylinders		1	1	2	2	2
Operating pressure	bar	300	300	350	350	350
Oil flow	l/min	30	50	100	120	170
Shell width wide schaal A	mm	450	735	800	910	1.230
Shell width small schaal B		330	500	535	650	840
Width opened C	mm	1.100	1.540	2.050	2.050	2.250
Height D	mm	765	1.000	1.350	1.340	1.550
Minimum diameter	mm	80	70	120	125	200
Closing force	kN	15	24	35	46	68
Article number		1410.0025	1410.0030	1410.0001	1410.0038	1410.0012




(1) Weights only apply to standard carriers.  
Each deviation must be agreed upon with Dehaco and/or manufacturer of the carrier prior to assembly.  
(2) Net weight including top bracket (approximate).


## Hydraulic timber grabs 7-teeth without rotation

Carrier weight class 	1,5 - 4 ton	DHG150-7T-F
Operational weight	kg	120
Operating pressure	bar	300
Oil flow	l/min	30
Closing force	kN	15
Article number		1410.0025



Carrier weight class 	5 - 8 ton	DHG450-7T-F
Operational weight	kg	330
Operating pressure	bar	300
Oil flow	l/min	50
Closing force	kN	24
Article number		1410.0030




Carrier weight class 	10 - 16 ton	DHG602-7T-F
Operational weight	kg	680
Operating pressure	bar	350
Oil flow	l/min	100
Closing force	kN	35
Article number		1410.0001



Carrier weight class 	12 - 20 ton	DHG802-7T-F
Operational weight	kg	840
Operating pressure	bar	350
Oil flow	l/min	120
Closing force	kN	46
Article number		1410.0038



Carrier weight class 	17 - 28 ton	DHG1202-7T-F
Operational weight	kg	1.400
Operating pressure	bar	350
Oil flow	l/min	170
Closing force	kN	68
Article number		1410.0012





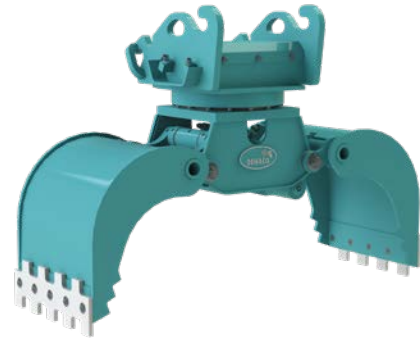
# Hydraulic grabs

## Adapters

Suspension systems are available for any type of excavator and weight class. In Dehaco's range you can find the following adapters:

- CW Verachttert adapter
- OilQuick adapter
- Lehnhoff MS adapter
- Engcon S adapter
- Hydrema adapter
- Terex Fuchs MHL adapter
- Hitachi ZX adapter
- Atlas TC adapter
- Liebherr LH adapter

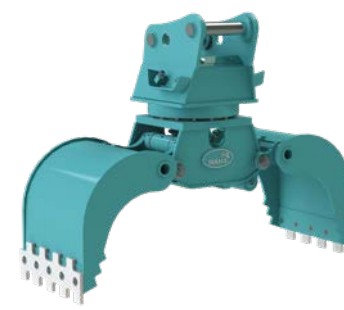
Is your adapter not listed?  
Ask us about the possibilities!



■ CW Verachttert universal suspension



■ Flat top bracket



■ Suspension with **fixed pins** for quick couplings hooked in-between. Example: Engcon S-, Hydrema, Lehnhoff.



■ Suspension with **loose pins** for suspension with direct connection. Example: Terex Fuchs, Hitachi, Liebherr.

Attachment brackets for  
hydraulic quick coupler systems >>>



■ OilQuick



■ Lehnhoff

CW Verachttert



Oilquick OQ80



Engcon S



Lehnhoff





# Dehaco Products



**Hydraulic Attachments**



**Dust suppression systems**



**Safety Products**

For more information contact your dealer:



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