NOKKA

Grapple Loaders & Forest Trailers



Choose a predefined combination or separate Loader and Trailer

1. HK 6084HC MV 142HD
2. HK 5282HC MV 132HD
3. HK 5269H MV 112HD
4. HK 4976HC MV 112HD
5. HK 4976HC MV 952

Your reliable and profitable partner for year round loading and forwarding all over the world.





Compare features, quality and equipment – Your choice is Nokka







1 **HK 6084HC MV 142HD**

2 **HK 5282HC MV 132HD**

Excellent reach and hydraulic 4WD for professionals

- Flange mounted Loader
- Control valveblock
- Reach 8,4 m (6084) and 8,2 m (5282) with hydraulic and chain extensions
- Hydraulic support legs
- Hydraulic drawbar with 2 cylinders
- 2-beam trailer
- 3 pairs of support poles as standard
- Front screen and crane console
- Load capacity 13 tn (132HD) and 14 tn (142HD)

NOKKA	6084HC	5282HC
Lifting momentum	60 kNm (gross)	52 kNm (gross)
Reach	8,4 m	8,2 m
Length of extension	2x1,65 m	2x1,59 m
Extension	Hydr. + chain	Hydr. + chain
Slewing momentum	15,5 kNm	15,5 kNm
Slewing angle	400 °	400 °
Wide angle joint	Standard	Standard
Weight	1400 kg	1200 kg
Working pressure	170 bar	160 bar
Grapple	N23 / 0,23 m^2	N20 / 0,20 m^2
Rotator	NR7	NR5
Shackle brake	Standard	Standard
Standard Control valve unit	STD 2-lever	STD 2-lever
Optional Control valve units	Electric on/off, hydraulic remote or full electric	

NOKKA	132HD	142HD
Loading capacity	13000 kg	14000 kg
Unloaded weight	2180 kg	2530 kg
Frame	2-beam	2-beam
Track width	183 cm	193 cm
Total width	233 cm	253 cm
Ground clearance	66 cm (500/55-17ELS) 73 cm (550/45-22.5)	73 cm (600/50-22.5ELS)
Length of loading area	419 + 85 cm	416 + 85 cm
Load area	3,0 m^2	3,0 m^2
Wheels	6 bolts	8 bolts
Driving force	1600 kp	1800 kp
3 pairs of poles	Standard	Standard
Front screen	Standard	Standard
Extra equipment	Hydraulic brakes, frame extension, lighting device, support poles and support pole frame, hydraulical support legs, frame extension, hydraulic aggregate	

3 HK 5269H MV 112HD

The powerful Nokka grapple loader and robust 2-beam trailer

- Flange mounted Loader
- Control valveblock
- Reach 6,9 m with hydraulic extension
- Hydraulic drawbar with 2 cylinders
- Hydraulic support legs
- 2-beam trailer
- 3 pairs of support poles
- Front screen and crane console
- Load capacity 11 tn





NOKKA	5269HC
Lifting momentum	52 kNm (gross)
Reach	6,9 m
Length of extension	1,6 m
Extension	Hydraulic
Slewing momentum	15 kNm
Slewing angle	400 °
Wide angle joint	Standard
Weight	1120 kg
Working pressure	160 bar
Grapple N20	0,20 m²
Rotator	NR5
Standard Control valve unit	STD 2-lever
Optional Control valve units	Electric on/off, hydraulic remote or full electric

NOKKA	112H	112HD
Loading capacity	11 000 kg	11000 kg
Unloaded weight	1540 kg	1640 kg
Frame	2-beam	2-beam
Track width	183 cm	183 cm
Total width	233 cm (500/55-17ELS) 233 cm (550/45-22.5ELS)	233 cm (500/55-17ELS) 233 cm (550/45-22.5ELS)
Ground clearance	66 cm (500/55-17ELS) 73 cm (500/60-22.5ELS)	66 cm (500/55-17ELS) 73 cm (500/60-22.5ELS)
Length of loading area	347 + 85 cm	347 + 85 cm
Load area	3,0 m²	3,0 m²
Driving force	1600 kp	1600 kp
3 pairs of poles	Standard	Standard
Front screen	Standard	Standard
Extra equipment	Hydraulic brakes, frame extension, lighting device, support poles and support pole frame, hydraulical support legs, frame extension, hydraulic aggregate	

4 HK 4976HC MV 112HD

Well equipped middle-sized unit for loading and forwarding



- Flange mounted Loader
- Control valveblock
- Reach 7,6 m with hydraulic and chain extensions
- Hydraulic drawbar with 2 cylinders
- Hydraulic support legs
- 2-beam trailer
- 3 pairs of support poles
- Front screen and crane console
- Load capacity 11 tn



NOKKA 4976HC	
Lifting momentum	49 kNm (gross)
Reach	7,6 m
Length of extension	2x1,25 m
Extension	Hydr. + chain
Slewing momentum	13 kNm
Slewing angle	400 °
Wide angle joint	Standard
Weight	1130 kg
Working pressure	175 bar
Grapple N20	0,20 m²
Rotator	NR5
Control valve unit	STD 2-lever, Electric on/off, hydraulic remote or full electric



NOKKA	112H	112HD
Loading capacity	11 000 kg	11000 kg
Unloaded weight	1540 kg	1640 kg
Frame	2-beam	2-beam
Track width	183 cm	183 cm
Total width	233 cm (500/55-17ELS) 233 cm (550/45-22.5ELS)	233 cm (500/55-17ELS) 233 cm (550/45-22.5ELS)
Ground clearance	66 cm (500/55-17ELS) 73 cm (500/60-22.5ELS)	66 cm (500/55-17ELS) 73 cm (500/60-22.5ELS)
Length of loading area	347 + 85 cm	347 + 85 cm
Load area	3,0 m²	3,0 m²
Driving force	-	1600 kp
3 pairs of poles	Standard	Standard
Front screen	Standard	Standard
Extra equipment	Hydraulic brakes, frame extension, lighting device, support poles and support pole frame, hydraulical support legs, frame extension, hydraulic aggregate	

5 4976HC 952

Well equipped ergonomical Unit for versatile loading and forwarding

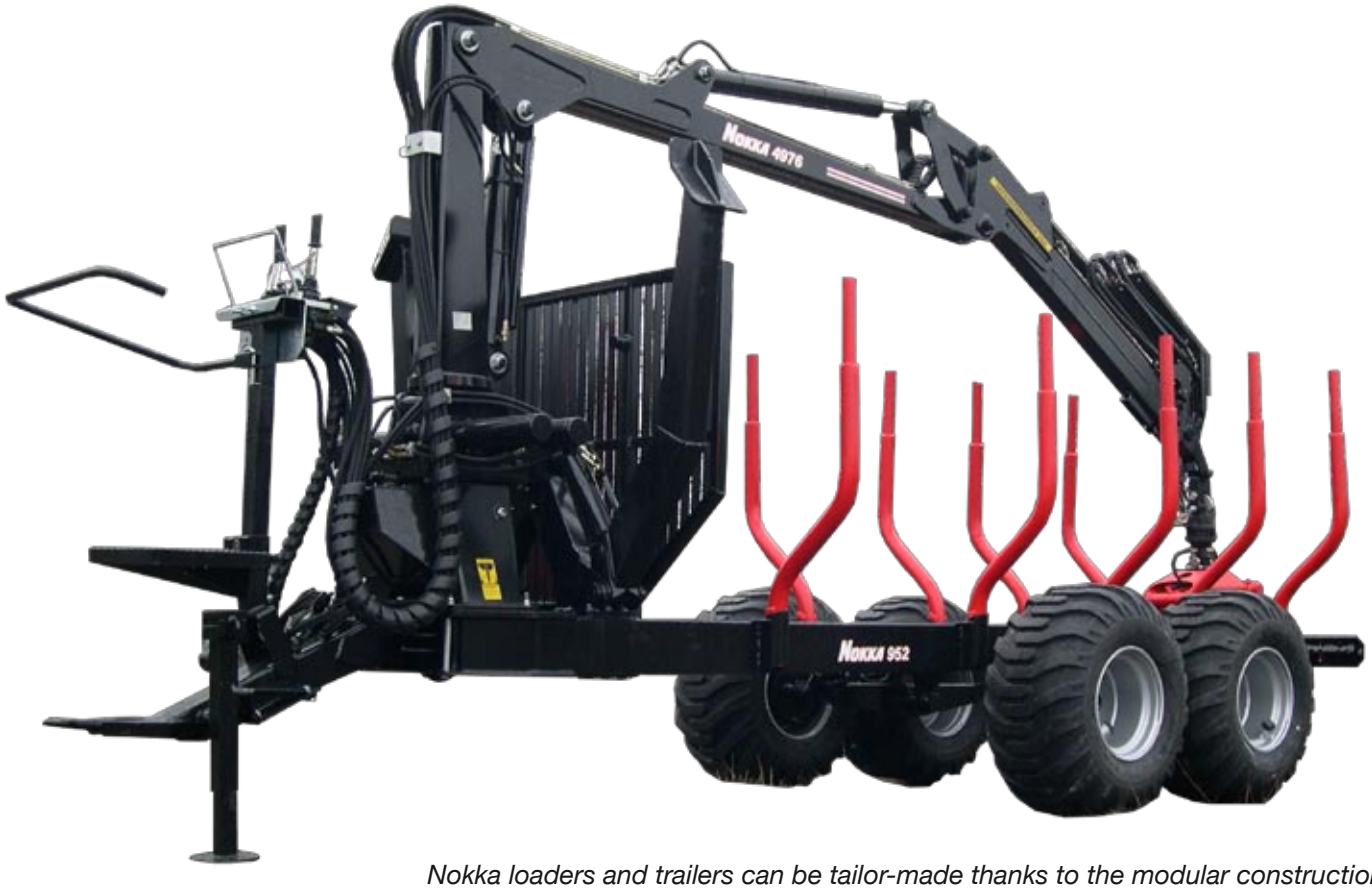
- Flange mounted Loader
- Control valveblock
- Reach 7,6 m with hydraulic extension
- Hydraulic support legs
- Hydraulic drawbar with 2 cylinders
- 2-beam trailer
- 2 pairs of support poles, places for 4 pairs
- Front screen and crane console
- Load capacity 9,5 tn



Shackle Brake



Wide angle joint



Nokka loaders and trailers can be tailor-made thanks to the modular construction.

NOKKA 952	
Loading capacity	9500 kg
Unloaded weight	1080 kg
Frame	2-beam
Track width	179 / 193 cm
Total width (400/500)	219 / 243 cm
Ground clearance	58 / 64 cm
Total length	546 + 85 cm
Length of loading area	347 + 85 cm
Load area	2,2 m^2
Tyres	400/60-15.5 or 500/55-17
Hydraulic drawbar	2 cylinder
Crane console	3-point standard (K)
Front screen	Standard
Support poles	2 pairs standard, place for 4 pairs
Extra equipment	Frame extension, lighting device, support poles and brakes, operator´s stativ

NOKKA	4970H	4976HC
Lifting momentum	49 kNm (gross)	49 kNm (gross)
Reach	7,0 m	7,6 m
Length of extension	1,6 m	2x1,25 m
Extension	Hydr.	Hydr. + chain
Slewing momentum	13 kNm	13 kNm
Slewing angle	400 °	400 °
Wide angle joint	Standard	Standard
Weight	1070 kg	1130 kg
Working pressure	175 bar	175 bar
Grapple N20	0,20 m^2	0,20 m^2
Rotator	NR5	NR5
Control valve unit	STD 2-lever, Electric on/off, hydraulic remote or full electric	

Optional equipment for Nokka Trailers



Adjustable support pole frame.



Hydraulic 4WD for extreme conditions like sloping terrain as well as wet and soft soils.



100-series forest trailer have high ground clearance and many tyre options.



Wide spreading fold down support legs.



Telescopic support legs take little space.



Frame extension and covered lighting device.



Pneumatic brakes.

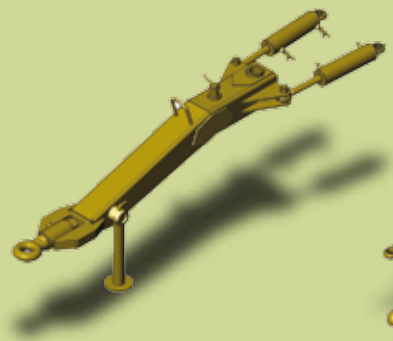


Hydraulic brakes.

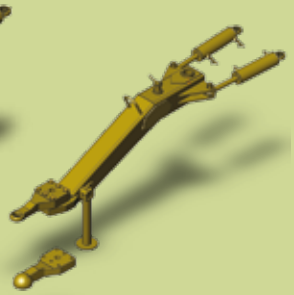


Special designed drawbar for aggregate use.

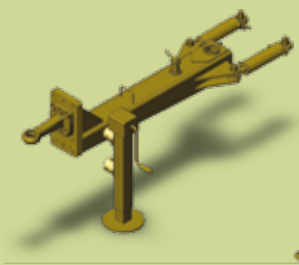
Drawbar options



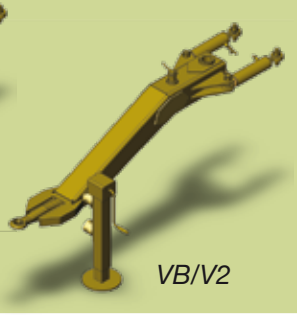
V5



V7/V9



V6/V8



VB/V2

Lifting capacities of Nokka Loaders

without grapple and rotator

Nokka lifts up to its promise...

Nokka loaders maintain lifting capacity also when lifting high. This increases productivity because heavy loads can be lifted over support poles with one move.

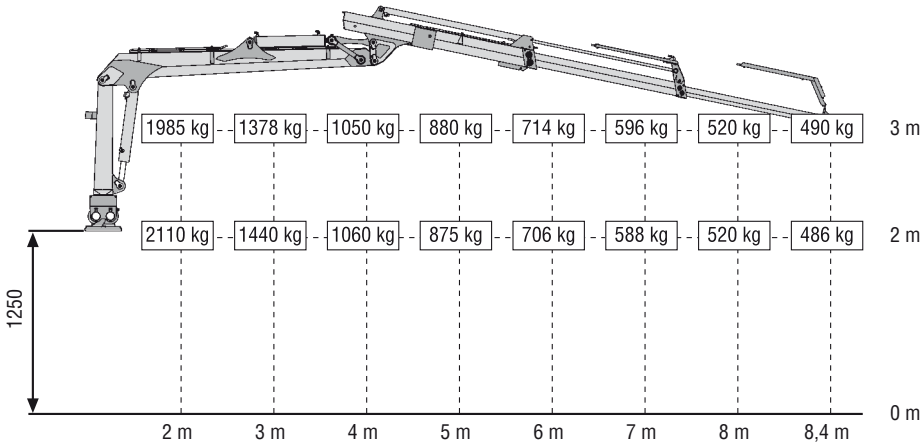
... and doesn´t freeze during lift

Warranty

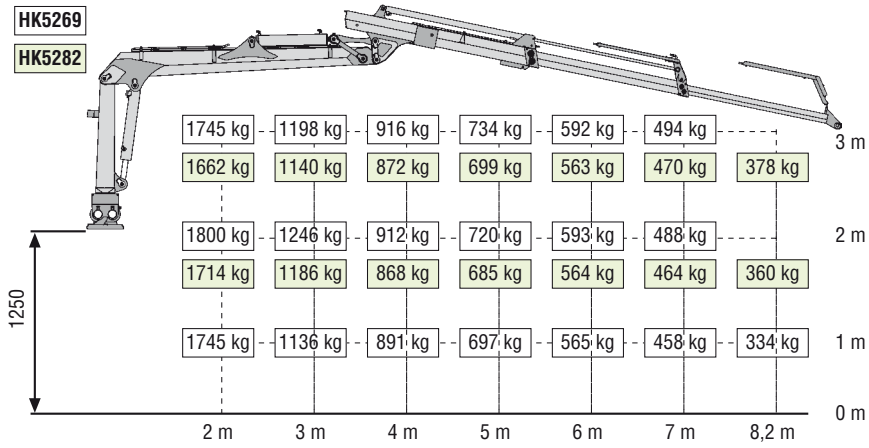
Manufacturer grants 2 year warranty for booms which are made of RAEX 650MS OPTIM Fine Steel.*
The latest Finnish know-how and technology are used in the welding procedure.



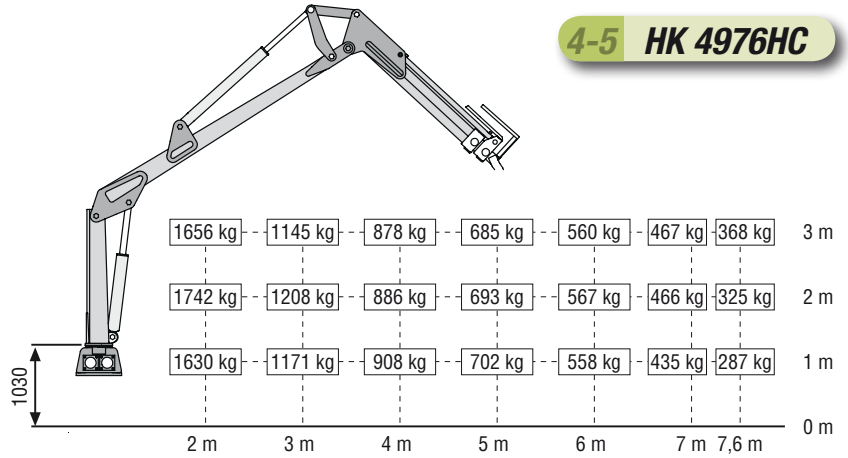
1 HK 6084HC



2 HK 5282HC
3 HK 5269H



4-5 HK 4976HC



High Quality Valve Systems



"Horned" control valve block with two levers (Ha)



Standard control valve block with 2+2 levers (Std)



On/off 2-lever valve block (He). Hydraulic extension and grapple used electrically. Valve block mounted in the cabin.



Hydraulically pre-controlled (HR) or proportional (HP) valve block. Joysticks situated in the cabin.

Reliable Rotators

Nokka rotators	NR5	NR7
Slewing radius	unlimited	unlimited
Working pressure max.	200 bar	200 bar
Volume	420 cm^3	464 cm^3
Turning moment (175 bar)	900 Nm	1150 Nm
Axial power max.	60 kN	82 kN
Max. loading	4000 kg	5500 kg
Weight	20 kg	27 kg

Strong and durable Grapples





Nokka grapples	N20	N23
Cylinder Ø	80/50 mm	80/50 mm
Max. opening	1350 mm	1360 mm
Width	255 mm	310 mm
Area	0,20 m2	0,23 m2
Power of cylinder	8545 kg	8795 kg
Weight	110 kg	122 kg
Flange adapters	NR3 / NR5	NR5 / NR7

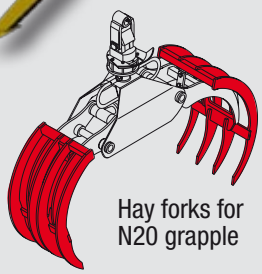
Shackle Brake

- Prevents swinging of grapple and rotator
- Optional equipment



3-point Flange Adapter for HK 49- and HK 52-serie Loaders



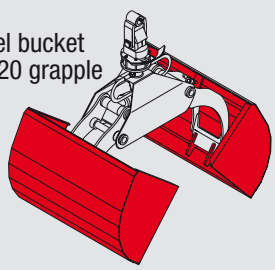


Hay forks for N20 grapple

Separate grapples

- Manure and hay grab
  - width 58 cm
  - max. opening 150 cm
  - area 0,28 m^2
- Round bale grab
  - max. opening 152 cm

Gravel bucket for N20 grapple



NOKKA OY

FI-40950 Muurame
Tel. +358 14 3301 500
Fax +358 14 3301 755
E-mail: nokka@nokka.fi
www.nokka.fi

We reserve the right to alter specifications without notice

Studio Wuudin • Kirjapaino Kari • NOKKA ENG PRO 3/2008