



FORESTRY TIMBER TRAILERS WITH CRANES & GRAPPLES

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ABOUT US

Based near Malton in North Yorkshire, Ryetec has been providing specialised machinery to the agricultural, forestry, and amenities sectors across the UK since 1992.

TIMBER TRAILERS

The Ryetec KTS Forestry Timber Trailers are versatile and robust, designed for demanding forestry tasks with load capacities ranging from **5.5 to 13 tons**. These trailers are equipped with cranes that offer reaches from **5.3 to 8.5 meters**, making them suitable for a variety of timber handling operations.

The trailers feature a range of specifications, including different chassis types, advanced crane systems, and customizable options to meet specific forestry requirements. Built to endure tough conditions, they provide reliable performance across all models.



FEATURES

• **Capacity and Dimensions:** Trailers have capacities ranging from 5.5 to 13 tons, with robust chassis designs such as 180mm x 180mm spine or ladder frames with wall thickness options of 6mm, 8mm, or 10mm, depending on the model.

• **Bed Length and Extensions:** Standard bed lengths range from 3.6 to 4.96 meters, with options for slide-out extensions to increase the total length up to 5.735 meters for accommodating larger loads.

• **Steering and Drawbar:** Features a +/- 40° steering drawbar with double ram operation, enhancing manoeuvrability and control.

• **Axles and Traction:** Equipped with tandem pivoting axles that allow up to 30° articulation, paired with heavy-duty tires designed for tough terrain and optimal traction.

• **Brakes:** Includes options for hydraulic or air braking systems on twin axles, ensuring safe and efficient stopping power.

• **Crane Features:** Cranes on these trailers offer reaches from 5.3 to 8.5 meters, with a top-mounted main lift ram to improve lifting performance and reduce the risk of damage. The cranes also feature a heavy-duty slew ring with 370° rotation for extensive operational flexibility. The cranes are also 3pt linkage remountable.



MOST COMMON OPTIONS

• **Piano Single Lever Control:** Simple and robust lever-based system.

• **Joystick Mounted Controls:** Offers precise control with options for multiple functions, suitable for complex operations.

• **Joystick Remote Controls:** Allows for remote operation using two small joysticks, providing flexibility and safety by keeping the operator away from the load.

• **Staghorn Controls:** Incorporates a three-lever arrangement with a premium slice valve block for refined handling.

• **Lightweight:** electronic valve mounted on the machine as well as half the valve block with the control so they are lighter than the staghorn controls.

• **Slide Out 0.8m Extension:** Adds up to 0.8 meters to the bed, extending maximum length to 5.735 meters.

• **Driven Sampo Hub Axles:** Powers the rear axle and crane operations via a PTO pump, with a switch-over valve for easy operation control.

• **Winch mounted on the crane:** 35m wire with 1400kg pull capacity.

• **Standing platform Controls:** Provides a standing platform for the operator with controls mounted on the trailer for ease of use.

• **Air brakes:** Features air brakes with a 50l tank for reliable stopping power.



SR 5.5 TON

Trailer type	Double frame with platform
Standard crane	5.4m
Possible to install a crane up to 7.5m	No
Possible to move crane from trailer to tractor's 3-point	Not possible
Effective load area	0.80m ²
Chainsaw box	Not possible
Gate	Yes / standard
Gate height	850mm
Stake height	850mm
Stake dimension, internal reinforcement in base	76 x 6mm
Extension stakes	No, stakes made as one unit
Divider stakes, for timber sorting	Not possible
No. of stakes	6
More bolsters can be fitted	No
Hydraulic support legs	Yes
Folding support legs	Not possible
Telescopic support legs	Standard
Trailer steering	Extra equipment
No. of steering cylinders	1 pc. extra equipment
Max. steering angle	35° both ways, extra equipment
Towing eye to tractor	Forged towing eye for hitch connector
Fork coupler when tractor has no towing hitch	Extra equipment
Lubricatable bushings or link bearings in all joints	Yes / standard
Diameter of steering pivot	50mm
Bogies	No. 1 axle
Tip angle of bogies	N/A
Axle separation	N/A
Distance on bogie from centre of front axle to centre of pivot	N/A
Track width	1510mm
Tyre size, standard, other sizes available to order	400/60 x 15.5 14-ply
Brakes, drum or disc	Extra equipment
Pneumatic brakes	Not possible
Brake hoses run fully protected in frame or substantial steel tubes	Yes / standard when trailer is fitted with brakes
Number of hydraulic outlets needed	1 double-acting + 1 single-acting with separate return, or 2 double-acting. Extra equipment available so that 1 single-acting and 1 return will be enough
Support foot	N/A
Hydraulic wheel drive, incl. tractor tread wheels	Not possible
Valve enabling crane operation via the hydraulic drive pump	Not possible
Stub shaft dimension	70 x 70mm
Central frame of special steel	80 x 20 x 5mm 2pcs.
Load width at bottom of load area	890mm platform width
Load width at top of stakes	1670mm
Loading width at the top of the stakes for brushwood equipment	Brushwood equipment not possible
Overall height, including crane at towing eye height 400 mm; this measure depends on the height of the tractor hitch hook	About 2460mm
Recommended tractor power for full load	30 hp and up
Weight, complete timber trailer	1270kg
Weight complete, without crane and 3-point adaptor	788kg



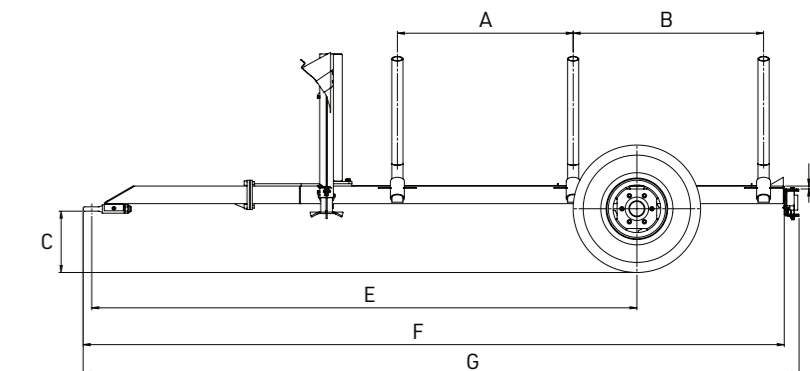
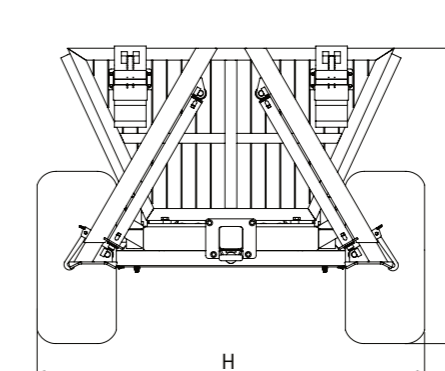
A: 1200mm
B: 1300mm

C: 419mm
D: 20mm

E: 3721mm
F: 4786mm

G: 4887mm
H: 1957mm

J: 1492mm





S 7.0 TON

Trailer type	Single frame - Central frame
Standard crane	5.4m
Possible to install a crane up to 7.5m	No
Possible to move crane from trailer to tractor's 3-point	Not possible
Effective load area	1.25m ²
Chainsaw box	Extra equipment
Gate	Yes / standard
Gate height	850mm
Stake height	850mm
Stake dimension, internal reinforcement in base	76 x 6mm
Extension stakes	No, stakes made as one unit
Divider stakes, for timber sorting	Extra equipment
No. of stakes	4
More bolsters can be fitted	Yes
Hydraulic support legs	Yes
Folding support legs	Not possible
Telescopic support legs	Standard
Trailer steering	Yes / standard
No. of steering cylinders	1 pc.
Max. steering angle	40° to both left and right
Towing eye to tractor	Forged towing eye for hitch connector
Fork coupler when tractor has no towing hitch	Extra equipment
Lubricatable bushings or link bearings in all joints	Yes /standard
Diameter of steering pivot	50mm
Bogies	Yes /standard
Tip angle of bogies	± 30°
Axle separation	995mm
Distance on bogie from centre of front axle to centre of pivot	530mm
Track width	1622mm
Tyre size, standard, other sizes available to order	11.5/80 x 15.3 10-ply
Brakes, drum or disc	Extra equipment
Pneumatic brakes	Not possible
Brake hoses run fully protected in frame or substantial steel tubes	Yes / standard when trailer is fitted with brakes
Number of hydraulic outlets needed	1 double-acting + 1 single-acting with separate return, or 2 double-acting. Extra equipment available so that 1 single-acting and 1 return will be enough
Support foot	Extra equipment
Hydraulic wheel drive, incl. tractor tread wheels	Not possible
Valve enabling crane operation via the hydraulic drive pump	Not possible
Stub shaft dimension	60 x 60mm, 70 x 70mm broms
Central frame of special steel	140 x 140 x 5mm
Load width at bottom of load area	890mm
Load width at top of stakes	1648mm
Loading width at the top of the stakes for brushwood equipment	Brushwood equipment not possible
Overall height, including crane at towing eye height 400 mm; this measure depends on the height of the tractor hitch hook	About 2275mm
Recommended tractor power for full load	40 hp and up
Weight, complete timber trailer	1260kg
Weight complete, without crane and 3-point adaptor	778kg



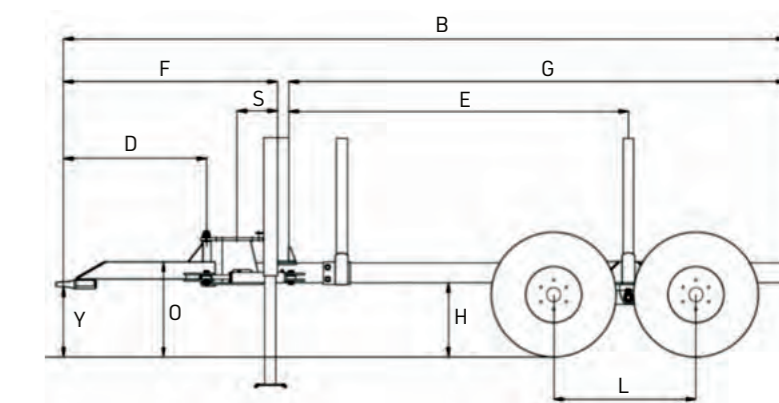
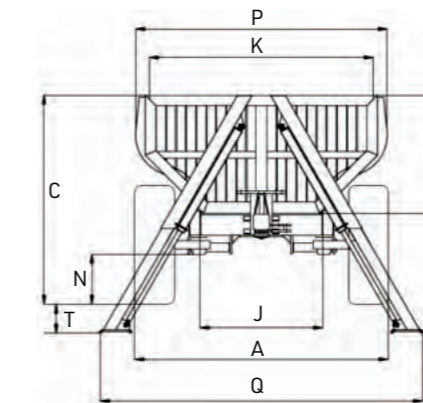
A: 1867mm
B: 5055mm
C: 1541mm
D: 1000mm

E: 2375mm
F: 1495mm
G: 3480mm
H: 519mm

J: 760mm
K: 1648mm
L: 995mm
M: 850mm

N: 368mm
O: 665mm
P: 1853mm
Q: 2385mm

S: 280mm
T: 215mm
Y: 490mm





8.5 TON

Trailer type	Single frame - Central frame
Standard crane	5.3m
Possible to install a crane up to 7.5m	Yes
Possible to move crane from trailer to tractor's 3-point	Yes / standard
Effective load area	1.80m ²
Chainsaw box	Extra equipment
Gate	Yes / standard
Gate height	1100mm
Stake height	1100mm
Stake dimension, internal reinforcement in base	89 x 6mm
Extension stakes	No, stakes made as one unit
Divider stakes, for timber sorting	Extra equipment
No. of stakes	4
More bolsters can be fitted	Yes
Hydraulic support legs	Yes
Folding support legs	Yes / standard
Telescopic support legs	Extra equipment
Trailer steering	Yes / standard
No. of steering cylinders	1 pc.
Max. steering angle	40° to both left and right
Towing eye to tractor	Forged towing eye for hitch connector
Fork coupler when tractor has no towing hitch	Extra equipment
Lubricatable bushings or link bearings in all joints	Yes /standard
Diameter of steering pivot	70mm
Bogies	Yes /standard
Tip angle of bogies	± 30°
Axle separation	995mm
Distance on bogie from centre of front axle to centre of pivot	530mm
Track width	1622mm
Tyre size, standard, other sizes available to order	11.5/80 x 15.3 14-ply
Brakes, drum or disc	Extra equipment
Pneumatic brakes	Extra equipment
Brake hoses run fully protected in frame or substantial steel tubes	Yes / standard when trailer is fitted with brakes
Number of hydraulic outlets needed	1 double-acting + 1 single-acting with separate return, or 2 double-acting. Extra equipment available so that 1 single-acting and 1 return will be enough
Support foot	Extra equipment
Hydraulic wheel drive, incl. tractor tread wheels	Extra equipment
Valve enabling crane operation via the hydraulic drive pump	Yes /standard
Stub shaft dimension	70 x 70mm
Central frame of special steel	180 x 180 x 6mm
Load width at bottom of load area	910mm
Load width at top of stakes	1830mm
Loading width at the top of the stakes for brushwood equipment	3000mm
Overall height, including crane at towing eye height 400 mm; this measure depends on the height of the tractor hitch hook	About 2790mm
Recommended tractor power for full load	65 hp and up
Weight, complete timber trailer	2391kg
Weight complete, without crane and 3-point adaptor	1360kg

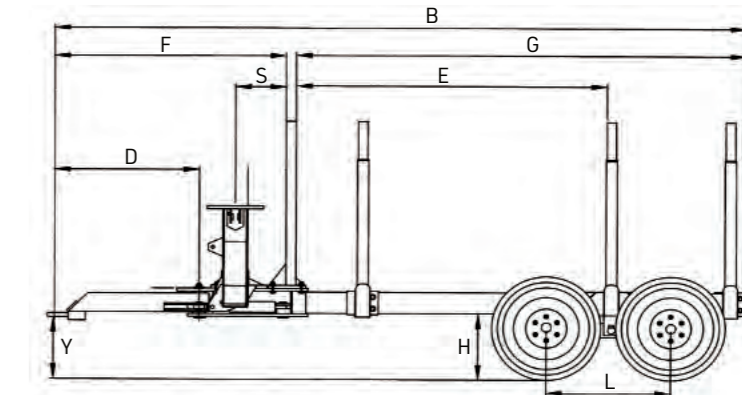
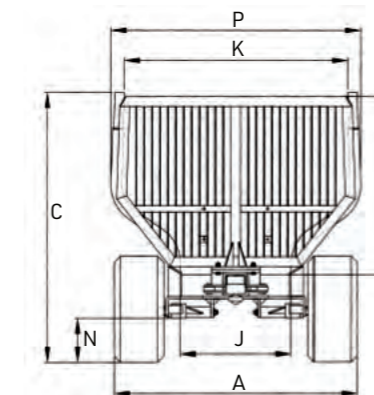


A: 2050mm
B: 5535mm
C: 1945mm
D: 1160mm

E: 2500mm
F: 1855mm
G: 3600mm
H: 557mm

J: 910mm
K: 1840mm
L: 995mm
M: 1165mm

N: 360mm
P: 2150mm
S: 408mm
Y: 520mm





10.0 TON

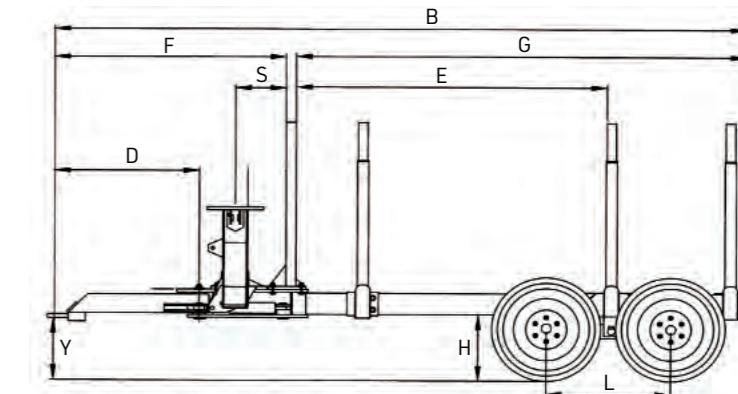
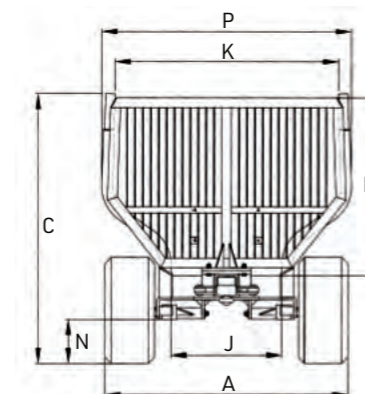
Trailer type	Single frame - Central frame
Standard crane	6.4m
Possible to install a crane up to 7.5m	Yes
Possible to move crane from trailer to tractor's 3-point	Yes / standard
Effective load area	2.35m ²
Chainsaw box	Extra equipment
Gate	Yes / standard
Gate height	1400mm
Stake height	1400mm
Stake dimension, internal reinforcement in base	89 x 6mm
Extension stakes	No, stakes made as one unit
Divider stakes, for timber sorting	Extra equipment
No. of stakes	6
More bolsters can be fitted	Yes
Hydraulic support legs	Yes
Folding support legs	Yes / standard
Telescopic support legs	Extra equipment
Trailer steering	Yes / standard
No. of steering cylinders	2 pc.
Max. steering angle	40° to both left and right
Towing eye to tractor	Forged towing eye for hitch connector
Fork coupler when tractor has no towing hitch	No
Lubricatable bushings or link bearings in all joints	Yes /standard
Diameter of steering pivot	70mm
Bogies	Yes /standard
Tip angle of bogies	± 30°
Axle separation	995mm
Distance on bogie from centre of front axle to centre of pivot	530mm
Track width	1622mm
Tyre size, standard, other sizes available to order	11.5/80 x 15.3 14-ply
Brakes, drum or disc	Extra equipment
Pneumatic brakes	Extra equipment
Brake hoses run fully protected in frame or substantial steel tubes	Yes / standard when trailer is fitted with brakes
Number of hydraulic outlets needed	1 double-acting + 1 single-acting with separate return, or 2 double-acting. Extra equipment available so that 1 single-acting and 1 return will be enough
Support foot	Extra equipment
Hydraulic wheel drive, incl. tractor tread wheels	Extra equipment
Valve enabling crane operation via the hydraulic drive pump	Yes /standard
Stub shaft dimension	80 x 80mm
Central frame of special steel	180 x 180 x 8mm
Load width at bottom of load area	910mm
Load width at top of stakes	1830mm
Loading width at the top of the stakes for brushwood equipment	3000mm
Overall height, including crane at towing eye height 400 mm; this measure depends on the height of the tractor hitch hook	About 2990mm
Recommended tractor power for full load	85 hp and up
Weight, complete timber trailer	2609kg
Weight complete, without crane and 3-point adaptor	1495kg



A: 2050mm
B: 5535mm
C: 2245mm
D: 1160mm

E: 2500mm
F: 1855mm
G: 3600mm
H: 557mm

J: 910mm
K: 1840mm
L: 995mm
M: 1465mm
N: 360mm
P: 2150mm
S: 408mm
Y: 520mm



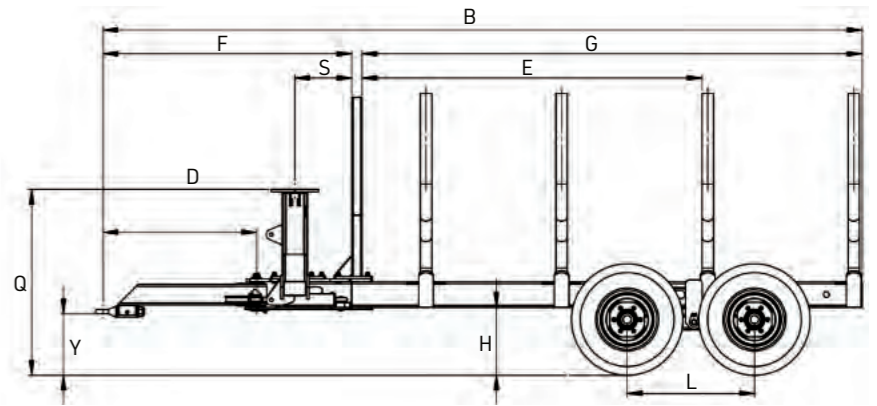
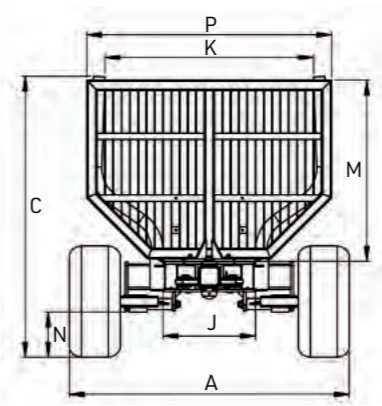


10.6 TON

Trailer type	Double frame
Standard crane	6.4m
Possible to install a crane up to 7.5m	Yes
Possible to move crane from trailer to tractor's 3-point	Yes / standard
Effective load area	2.35m ²
Chainsaw box	Yes / standard
Gate	Yes / standard
Gate height	1400mm
Stake height	1400mm
Stake dimension, internal reinforcement in base	89 x 6mm
Extension stakes	No, stakes made as one unit
Divider stakes, for timber sorting	Extra equipment
No. of stakes	8
More bolsters can be fitted	Yes
Hydraulic support legs	Yes
Folding support legs	Yes / standard
Telescopic support legs	Extra equipment
Trailer steering	Yes / standard
No. of steering cylinders	2 pc.
Max. steering angle	40° to both left and right
Towing eye to tractor	Forged towing eye for hitch connector
Fork coupler when tractor has no towing hitch	No
Lubricatable bushings or link bearings in all joints	Yes / standard
Diameter of steering pivot	70mm
Bogies	Yes / standard
Tip angle of bogies	± 30°
Axle separation	995mm
Distance on bogie from centre of front axle to centre of pivot	530mm
Track width	1722mm
Tyre size, standard, other sizes available to order	400/60 x 15.5 14-ply
Brakes, drum or disc	Extra equipment
Pneumatic brakes	Extra equipment
Brake hoses run fully protected in frame or substantial steel tubes	Yes / standard when trailer is fitted with brakes
Number of hydraulic outlets needed	1 double-acting + 1 single-acting with separate return, or 2 double-acting. Extra equipment available so that 1 single-acting and 1 return will be enough
Support foot	Extra equipment
Hydraulic wheel drive, incl. tractor tread wheels	Extra equipment
Valve enabling crane operation via the hydraulic drive pump	Yes / standard
Stub shaft dimension	80 x 80mm
Central frame of special steel	200 x 200 x 8mm 2 pc.
Load width at bottom of load area	910mm
Load width at top of stakes	1830mm
Loading width at the top of the stakes for brushwood equipment	3000mm
Overall height, including crane at towing eye height 400 mm; this measure depends on the height of the tractor hitch hook	About 2990mm
Recommended tractor power for full load	85 hp and up
Weight, complete timber trailer	2609kg
Weight complete, without crane and 3-point adaptor	1495kg



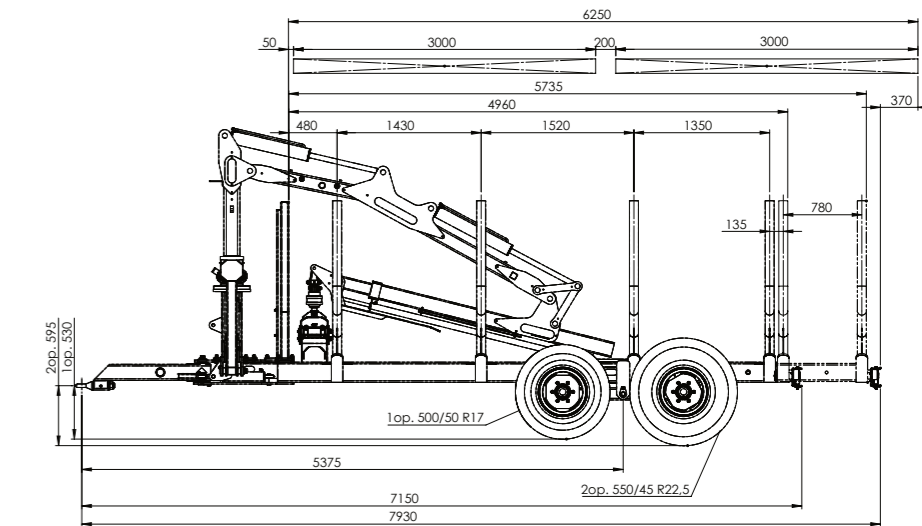
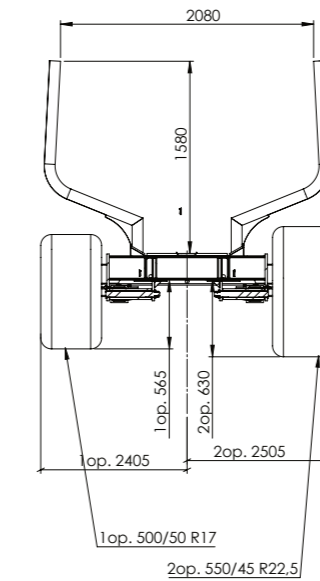
- A: 2195mm
- E: 2658mm
- J: 725mm
- N: 360mm
- Y: 480mm
- B: 5935mm
- F: 1945mm
- K: 1636mm
- P: 1920mm
- C: 1200mm
- G: 3910mm
- L: 995mm
- Q: 1451mm
- D: 1200mm
- H: 530mm
- M: 1420mm
- S: 445mm





13.0 TON

Trailer type	Double frame
Standard crane	7.5m
Possible to install a crane up to 7.5m	Yes
Possible to move crane from trailer to tractor's 3-point	Yes / standard
Effective load area	2.80m ²
Chainsaw box	Yes / standard
Gate	Yes / standard
Gate height	1550mm
Stake height	1550mm
Stake dimension, internal reinforcement in base	89 x 6mm
Extension stakes	No, stakes made as one unit
Divider stakes, for timber sorting	Extra equipment
No. of stakes	8
More bolsters can be fitted	Yes
Hydraulic support legs	Yes
Folding support legs	Yes / standard
Telescopic support legs	Extra equipment
Trailer steering	Yes / standard
No. of steering cylinders	2 pc.
Max. steering angle	40° to both left and right
Towing eye to tractor	Forged towing eye for hitch connector
Fork coupler when tractor has no towing hitch	No
Lubricatable bushings or link bearings in all joints	Yes /standard
Diameter of steering pivot	70mm
Bogies	Yes /standard
Tip angle of bogies	± 30°
Axle separation	995mm
Distance on bogie from centre of front axle to centre of pivot	530mm
Track width	1722mm
Tyre size, standard, other sizes available to order	520/50 x 17 12-ply tractor tread
Brakes, drum or disc	Extra equipment
Pneumatic brakes	Extra equipment
Brake hoses run fully protected in frame or substantial steel tubes	Yes / standard when trailer is fitted with brakes
Number of hydraulic outlets needed	1 double-acting + 1 single-acting with separate return, or 2 double-acting. Extra equipment available so that 1 single-acting and 1 return will be enough
Support foot	Extra equipment
Hydraulic wheel drive, incl. tractor tread wheels	Extra equipment
Valve enabling crane operation via the hydraulic drive pump	Yes /standard
Stub shaft dimension	80 x 80mm
Central frame of special steel	200 x 200 x 8mm 2 pc.
Load width at bottom of load area	910mm
Load width at top of stakes	2180mm
Loading width at the top of the stakes for brushwood equipment	3000mm
Overall height, including crane at towing eye height 400 mm; this measure depends on the height of the tractor hitch hook	About 3100mm
Recommended tractor power for full load	110 hp and up
Weight, complete timber trailer	3100kg
Weight complete, without crane and 3-point adaptor	2040kg

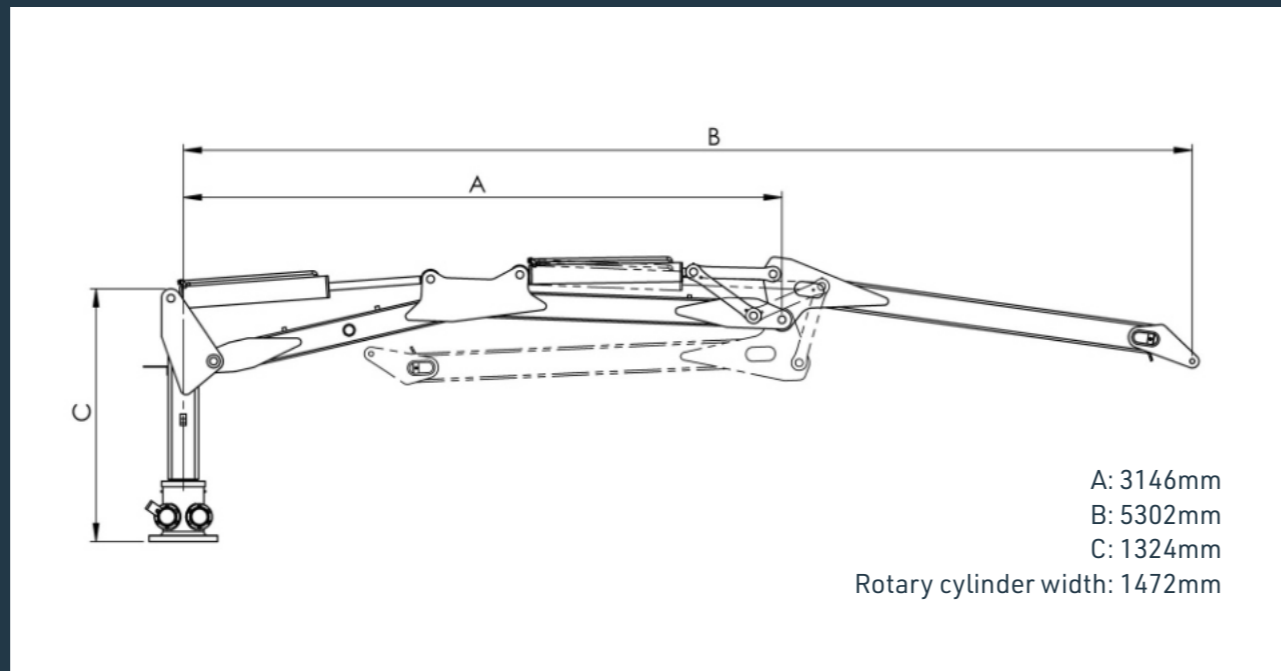


13 Ton XL Chassis for carrying 2 x 3m Bays

5.3M

Comfort joint to simplify work	Yes / standard
Hydraulic extension	No
Digging equipment can be mounted	Yes
Arm cutter can be mounted	Yes
Lifting capacity of grapple at maximum reach	See separate table
Gross lifting force of crane	3.5 tonmeter
Grapple area of standard grapple	0.18m ²
Fully rotating rotator	Yes / standard
Rotator torque	750Nm (75kpm)
Slewing attenuator on rotator	No
Hydraulic support legs on the trailer when sold with crane	Not possible
Telescopic support legs instead of folding support legs	Yes / standard
Hydraulic support legs when the crane is sold with a 3-point adaptor	Yes / standard
No. of slewing cylinders on slewing house	4
Slewing angle	370° (360° is a complete revolution)
Slewing torque	10.4kNm (1060kpm)
Height of slewing house	280mm
Weight of slewing house	150kg
Hydraulic valve	7 slides
Control levers	7 levers
Other control lever systems available	Yes, extra equipment
Float position on hydraulic valve	On 2 functions: boom and slewing of crane
Hydraulic valve suitable for open or closed hydraulic systems (closed hydraulic system for e.g. John Deere)	Yes, extra equipment
Recommended pump capacity (lower or higher flows can be used: the crane will simply perform more slowly or faster)	15 - 50l/min
System pressure (lower pressure: lifting capacity will be reduced; higher pressure no increase in lifting capacity, as the hydraulic system is fitted with a pressure relief safety valve)	175 bar (175kg/cm ²)
Maximum pressure	220 bar (220kg/cm ²)
Separate pump on PTO shaft 50l/min 360rpm, oil tank with filter	Yes, extra equipment
Lubricatable bushings or link bearings in all joints	Yes / standard
3-point adaptor for 3-point hitch	28 mm, category 2825mm between hydraulic arms attachment points
Weight, including grapple, rotator and without 3-point adaptor	751kg
Weight, 3-point adaptor	280kg
Weight, grapple	79kg

All performance specifications that are pressure dependent are calculated at 175 bar pressure.



Grapple lifting capacities as functions of outreach, horizontal crane arm, [kg]

1.0m	2.0m	3.0m	4.0m	5.0m	5.3m	6.0m	6.4m	6.7m	7.0m	7.5m
2520	1840	1100	844	524	481	-	-	-	-	-

Grapple lifting capacities as functions of outreach, ground level, [kg]

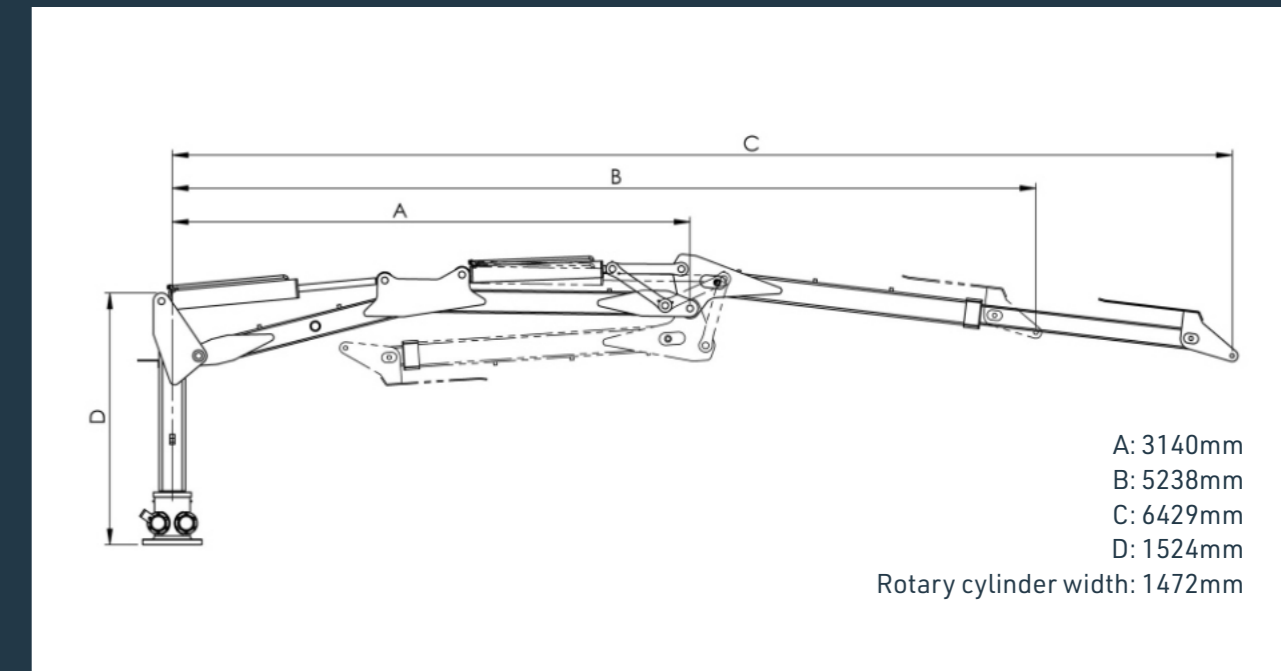
1.0m	2.0m	3.0m	4.0m	5.0m	5.2m	6.0m	6.2m	6.6m	7.0m	7.4m
2720	1520	1132	761	432	370	-	-	-	-	-

All lifting capacities have been stated as useful grapple load, including grapple and rotator.

6.4M

Comfort joint to simplify work	Yes / standard
Hydraulic extension	Yes / 1.2m
Digging equipment can be mounted	Yes
Arm cutter can be mounted	Yes
Lifting capacity of grapple at maximum reach	See separate table
Gross lifting force of crane	3.5 tonmeter
Grapple area of standard grapple	0.18m ²
Fully rotating rotator	Yes / standard
Rotator torque	750Nm (75kpm)
Slewing attenuator on rotator	Yes / standard
Hydraulic support legs on the trailer when sold with crane	Yes / standard
Telescopic support legs instead of folding support legs	Extra equipment
Hydraulic support legs when the crane is sold with a 3-point adaptor	Yes / standard
No. of slewing cylinders on slewing house	4
Slewing angle	370° (360° is a complete revolution)
Slewing torque	10.4kNm (1060kpm)
Height of slewing house	290mm
Weight of slewing house	180kg
Hydraulic valve	8 slides
Control levers	1 + 1 levers with 2 functions each + 4 levers (known as 2-lever arrangement)
Other control lever systems available	Yes, extra equipment
Float position on hydraulic valve	On 2 functions: boom and slewing of crane
Hydraulic valve suitable for open or closed hydraulic systems (closed hydraulic system for e.g. John Deere)	Yes, extra equipment
Recommended pump capacity (lower or higher flows can be used: the crane will simply perform more slowly or faster)	20 - 60l/min
System pressure (lower pressure: lifting capacity will be reduced; higher pressure no increase in lifting capacity, as the hydraulic system is fitted with a pressure relief safety valve)	175 bar (175kg/cm ²)
Maximum pressure	220 bar (220kg/cm ²)
Separate pump on PTO shaft 50l/min 360rpm, oil tank with filter	Yes, extra equipment
Lubricatable bushings or link bearings in all joints	Yes / standard
3-point adaptor for 3-point hitch	28 mm, category 2825mm between hydraulic arms attachment points
Weight, including grapple, rotator and without 3-point adaptor	834kg
Weight, 3-point adaptor	280kg
Weight, grapple	79kg

All performance specifications that are pressure dependent are calculated at 175 bar pressure.



Grapple lifting capacities as functions of outreach, horizontal crane arm, [kg]

1.0m	2.0m	3.0m	4.0m	5.0m	5.3m	6.0m	6.4m	6.7m	7.0m	7.5m
2500	1820	1112	824	504	461	360	330	-	-	-

Grapple lifting capacities as functions of outreach, ground level, [kg]

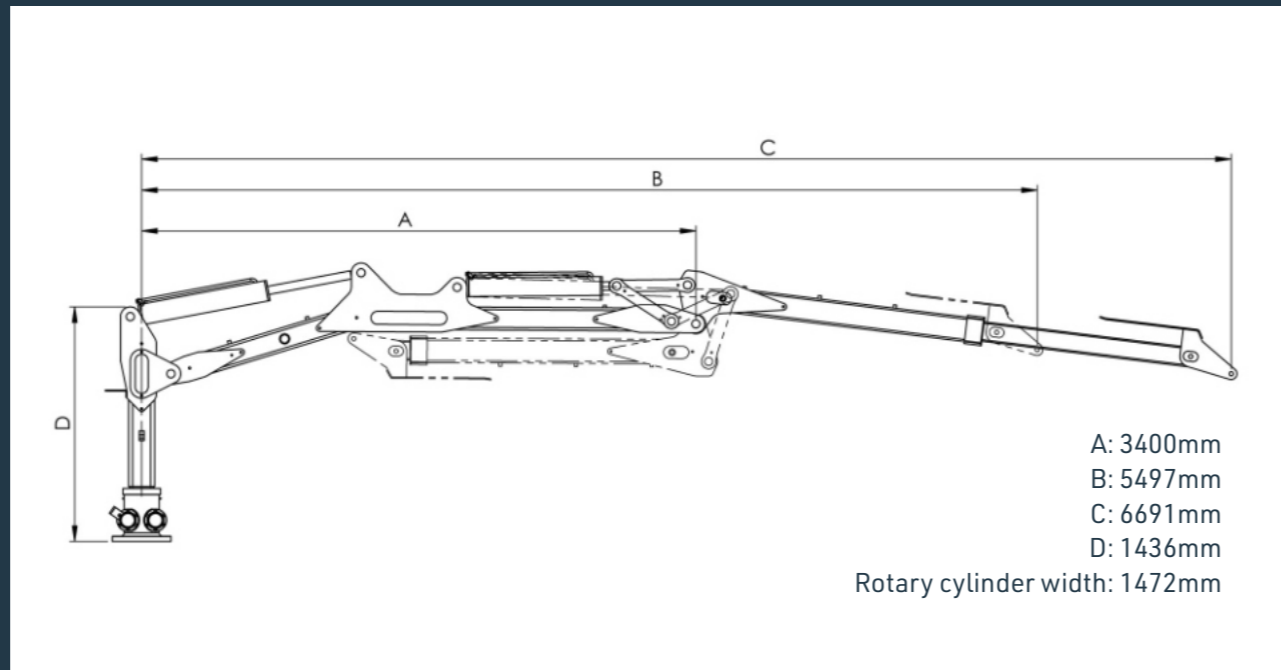
1.0m	2.0m	3.0m	4.0m	5.0m	5.2m	6.0m	6.2m	6.6m	7.0m	7.4m
2700	1500	1112	741	412	350	319	309	-	-	-

All lifting capacities have been stated as useful grapple load, including grapple and rotator.

6.7M

Comfort joint to simplify work	Yes / standard
Hydraulic extension	Yes / 1.2m
Digging equipment can be mounted	Yes
Arm cutter can be mounted	Yes
Lifting capacity of grapple at maximum reach	See separate table
Gross lifting force of crane	5.0 tonmeter
Grapple area of standard grapple	0.21m ²
Fully rotating rotator	Yes / standard
Rotator torque	750Nm (75kpm)
Slewing attenuator on rotator	Yes / standard
Hydraulic support legs on the trailer when sold with crane	Yes / standard
Telescopic support legs instead of folding support legs	Extra equipment
Hydraulic support legs when the crane is sold with a 3-point adaptor	Yes / standard
No. of slewing cylinders on slewing house	4
Slewing angle	370° (360° is a complete revolution)
Slewing torque	13.0kNm (1326kpm)
Height of slewing house	290mm
Weight of slewing house	180kg
Hydraulic valve	8 slides
Control levers	1 + 1 levers with 2 functions each + 4 levers (known as 2-lever arrangement)
Other control lever systems available	Yes, extra equipment
Float position on hydraulic valve	On 2 functions: boom and slewing of crane
Hydraulic valve suitable for open or closed hydraulic systems (closed hydraulic system for e.g. John Deere)	Yes, extra equipment
Recommended pump capacity (lower or higher flows can be used: the crane will simply perform more slowly or faster)	20 - 60l/min
System pressure (lower pressure: lifting capacity will be reduced; higher pressure no increase in lifting capacity, as the hydraulic system is fitted with a pressure relief safety valve)	175 bar (175kg/cm ²)
Maximum pressure	220 bar (220kg/cm ²)
Separate pump on PTO shaft 50l/min 360rpm, oil tank with filter	Yes, extra equipment
Lubricatable bushings or link bearings in all joints	Yes / standard
3-point adaptor for 3-point hitch	28 mm, category 2825mm between hydraulic arms attachment points
Weight, including grapple, rotator and without 3-point adaptor	992kg
Weight, 3-point adaptor	280kg
Weight, grapple	83kg

All performance specifications that are pressure dependent are calculated at 175 bar pressure.



Grapple lifting capacities as functions of outreach, horizontal crane arm, [kg]

1.0m	2.0m	3.0m	4.0m	5.0m	5.3m	6.0m	6.4m	6.7m	7.0m	7.5m
3575	2603	1590	1178	721	669	505	472	426	-	-

Grapple lifting capacities as functions of outreach, ground level, [kg]

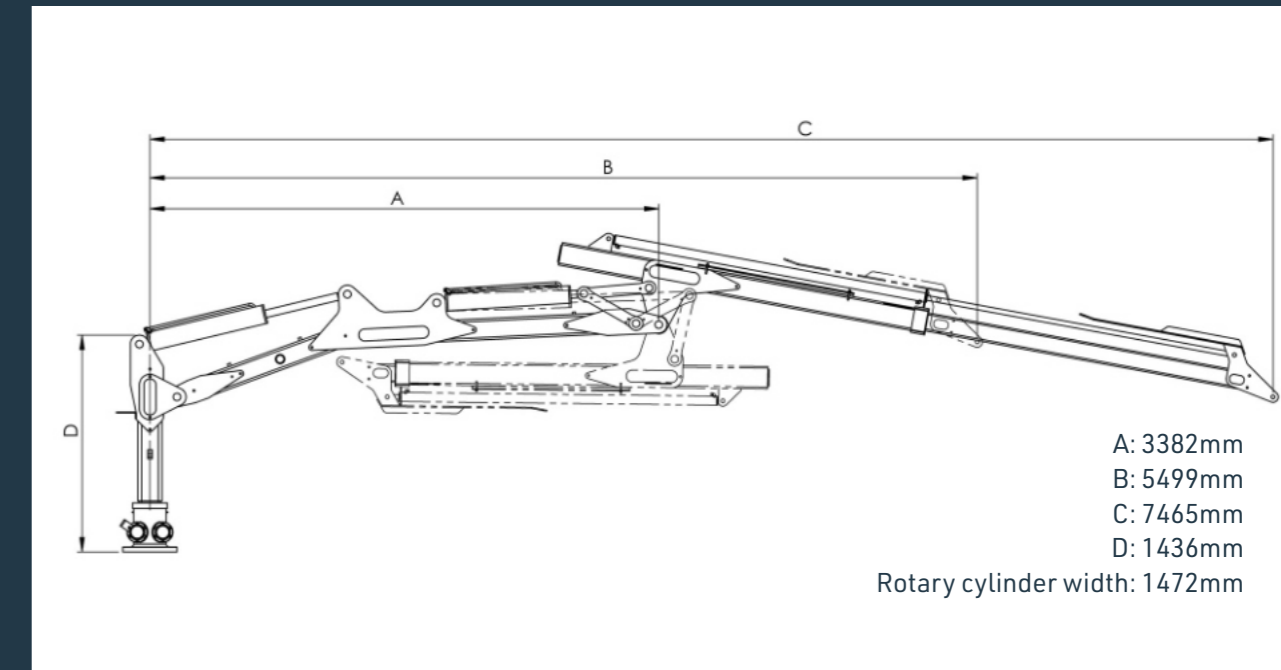
1.0m	2.0m	3.0m	4.0m	5.0m	5.2m	6.0m	6.2m	6.6m	7.0m	7.4m
3861	2174	1590	1060	589	501	456	442	406	-	-

All lifting capacities have been stated as useful grapple load, including grapple and rotator.

7.5M

Comfort joint to simplify work	Yes / standard
Hydraulic extension	Yes / 2.0m
Digging equipment can be mounted	Yes
Arm cutter can be mounted	Yes
Lifting capacity of grapple at maximum reach	See separate table
Gross lifting force of crane	5.0 tonmeter
Grapple area of standard grapple	0.21m ²
Fully rotating rotator	Yes / standard
Rotator torque	750Nm (75kpm)
Slewing attenuator on rotator	Yes / standard
Hydraulic support legs on the trailer when sold with crane	Yes / standard
Telescopic support legs instead of folding support legs	Extra equipment
Hydraulic support legs when the crane is sold with a 3-point adaptor	Yes / standard
No. of slewing cylinders on slewing house	4
Slewing angle	370° (360° is a complete revolution)
Slewing torque	13.0kNm (1326kpm)
Height of slewing house	290mm
Weight of slewing house	180kg
Hydraulic valve	8 slides
Control levers	1 + 1 levers with 2 functions each + 4 levers (known as 2-lever arrangement)
Other control lever systems available	Yes, extra equipment
Float position on hydraulic valve	On 2 functions: boom and slewing of crane
Hydraulic valve suitable for open or closed hydraulic systems (closed hydraulic system for e.g. John Deere)	Yes, extra equipment
Recommended pump capacity (lower or higher flows can be used: the crane will simply perform more slowly or faster)	20 - 60l/min
System pressure (lower pressure: lifting capacity will be reduced; higher pressure no increase in lifting capacity, as the hydraulic system is fitted with a pressure relief safety valve)	175 bar (175kg/cm ²)
Maximum pressure	220 bar (220kg/cm ²)
Separate pump on PTO shaft 50l/min 360rpm, oil tank with filter	Yes, extra equipment
Lubricatable bushings or link bearings in all joints	Yes / standard
3-point adaptor for 3-point hitch	28 mm, category 2825mm between hydraulic arms attachment points
Weight, including grapple, rotator and without 3-point adaptor	1059kg
Weight, 3-point adaptor	280kg
Weight, grapple	83kg

All performance specifications that are pressure dependent are calculated at 175 bar pressure.



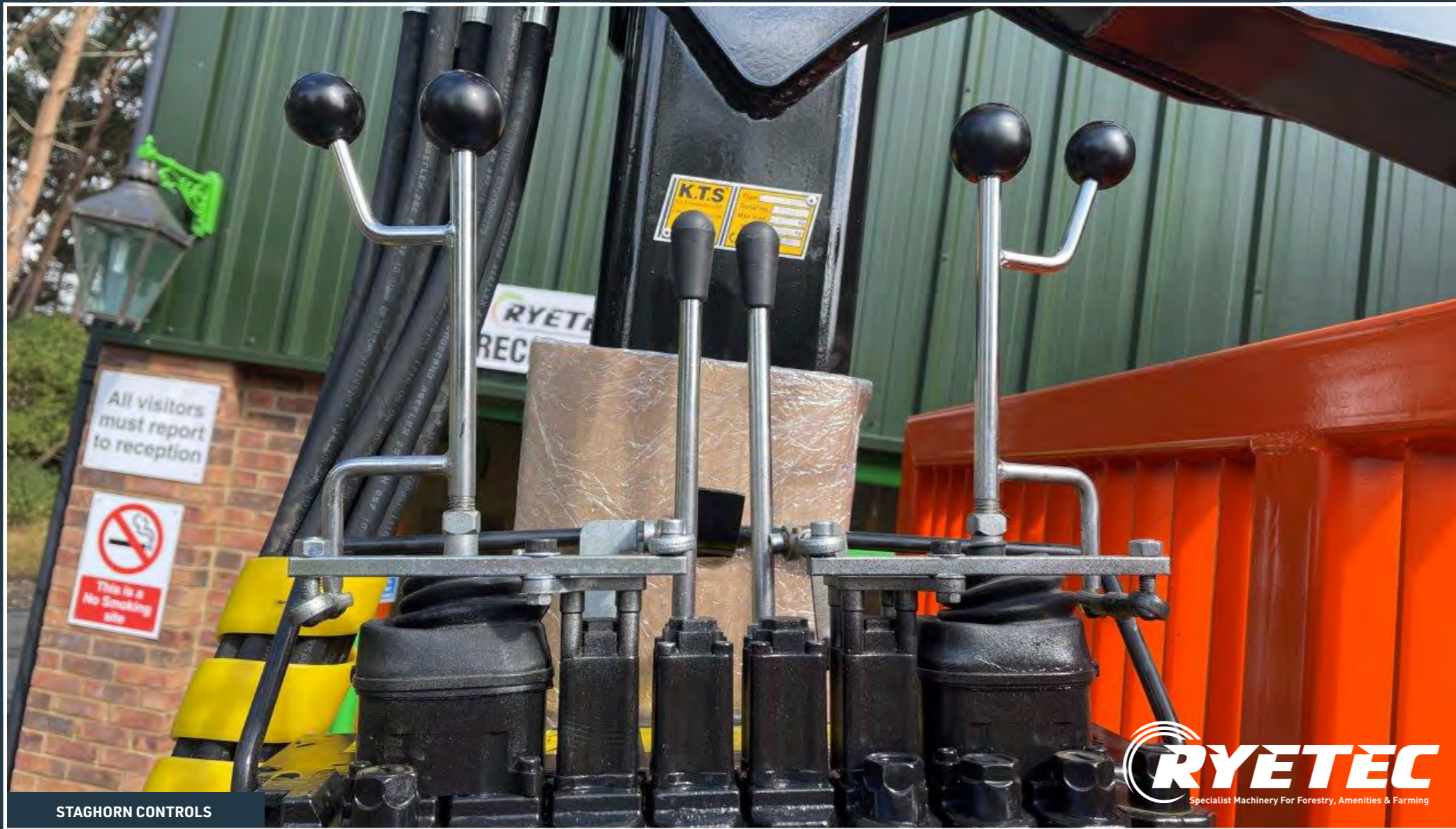
Grapple lifting capacities as functions of outreach, horizontal crane arm, [kg]

1.0m	2.0m	3.0m	4.0m	5.0m	5.3m	6.0m	6.4m	6.7m	7.0m	7.5m
3565	2593	1580	1168	711	659	495	462	416	351	243

Grapple lifting capacities as functions of outreach, ground level, [kg]

1.0m	2.0m	3.0m	4.0m	5.0m	5.2m	6.0m	6.2m	6.6m	7.0m	7.4m
3851	2164	1580	1050	579	491	446	432	396	331	223

All lifting capacities have been stated as useful grapple load, including grapple and rotator.



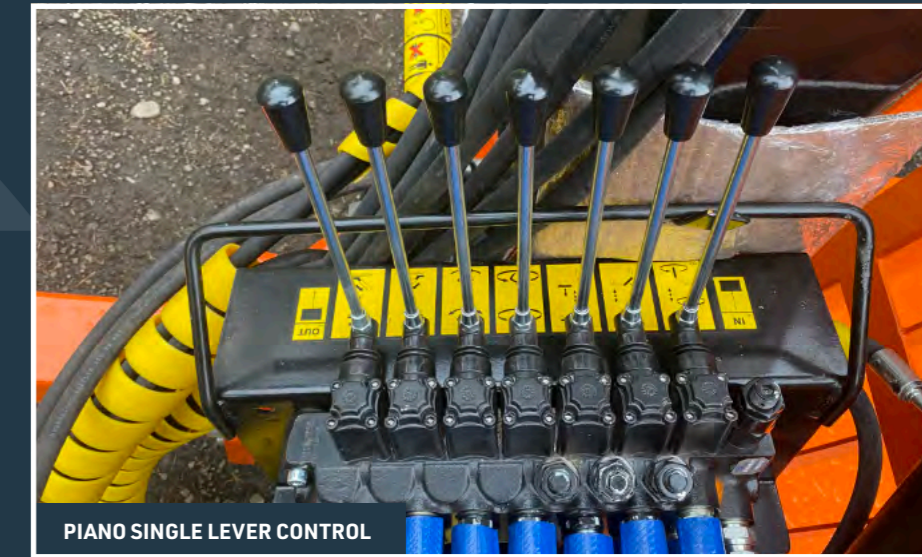
STAGHORN CONTROLS

MOST COMMON OPTIONS

- **Piano Single Lever Control:** Simple and robust lever-based system.
- **Joystick Mounted Controls:** Offers precise control with options for multiple functions, suitable for complex operations.
- **Joystick Remote Controls:** Allows for remote operation using two small joysticks, providing flexibility and safety by keeping the operator away from the load.
- **Staghorn Controls:** Incorporates a three-lever arrangement with a premium slice valve block for refined handling.
- **Lightweight:** electronic valve mounted on the machine as well as half the valve block with the control so they are lighter than the staghorn controls.
- **Slide Out 0.8m Extension:** Adds up to 0.8 meters to the bed, extending maximum length to 5.735 meters.
- **Driven Sampo Hub Axles:** Powers the rear axle and crane operations via a PTO pump, with a switch-over valve for easy operation control.
- **Winch mounted on the crane:** 35m wire with 1400kg pull capacity.
- **Standing platform Controls:** Provides a standing platform for the operator with controls mounted on the trailer for ease of use.
- **Air brakes:** Features air brakes with a 50l tank for reliable stopping power.



JOYSTICK MOUNTED CONTROLS

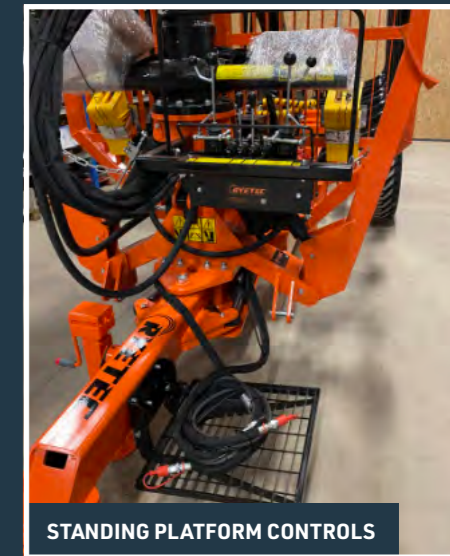


PIANO SINGLE LEVER CONTROL

OTHER OPTIONS POSSIBLE, PLEASE GET IN TOUCH WITH OUR TEAM FOR MORE INFO!



JOYSTICK REMOTE CONTROLS



STANDING PLATFORM CONTROLS





RYETEC INDUSTRIAL EQUIPMENT LIMITED



The Ryeteq KTS Forestry Timber Trailers are versatile and robust, designed for demanding forestry tasks with load capacities ranging from **5.5 to 13 tons**. These trailers are equipped with cranes that offer reaches from **5.3 to 8.5 meters**, making them suitable for a variety of timber handling operations.

The trailers feature a range of specifications, including different chassis types, advanced crane systems, and customizable options to meet specific forestry requirements. Built to endure tough conditions, they provide reliable performance across all models.



For more information contact Ryeteq Industrial Equipment Limited
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