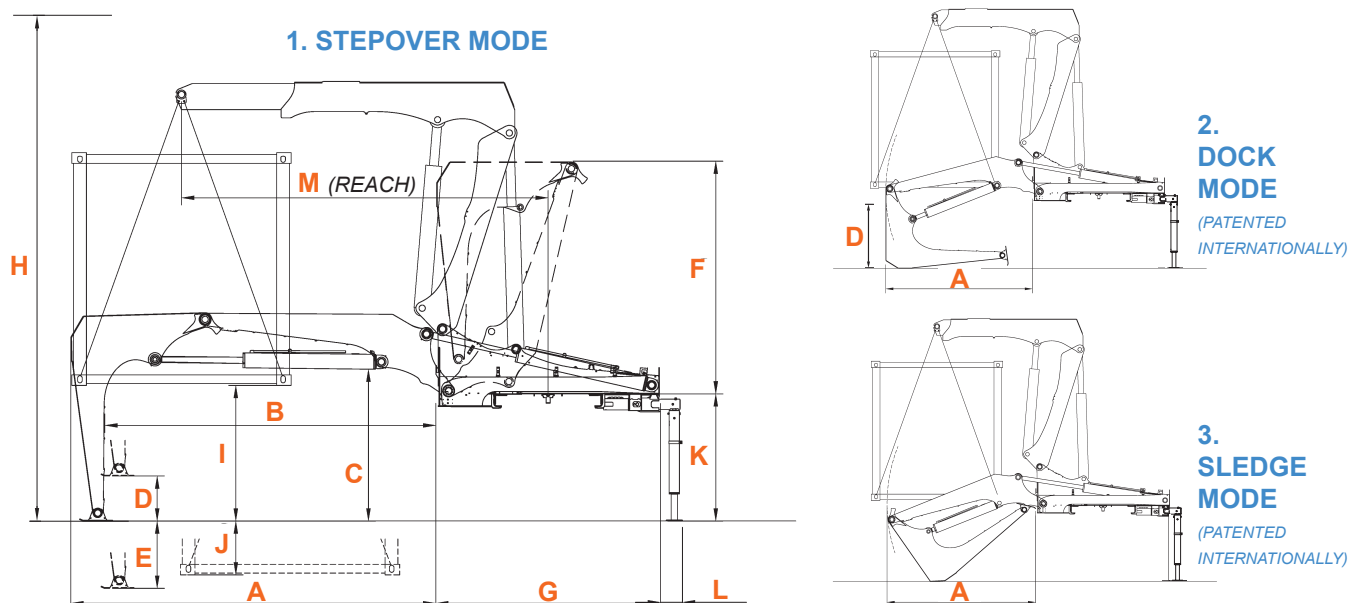


HAMMAR XXL45



STANDARD DIMENSIONS XXL36

A STABILIZER LENGTH	(1) 4000 mm (2) 2750 mm (3) 2700 mm
B/C STEPOVER STABILIZER TUNNEL LENGTH/HEIGHT	3685 mm / 1700 mm*
D/E MAX/MIN HEIGHT PLACEMENT STABILIZERS	(1) 100 mm / -750 mm below the wheels* (2) 1050 mm
F/G CRANE HEIGHT / WIDTH (TRANSPORT MODE)	2590 mm high above installation level / 2500 mm wide
H MIN. HEIGHT REQ. HANDLING A CONTAINER	5750 mm*
I/J MAX/MIN HEIGHT PLACEMENT CONTAINER	Max: 4900 mm. Min: -2700 mm below wheels*

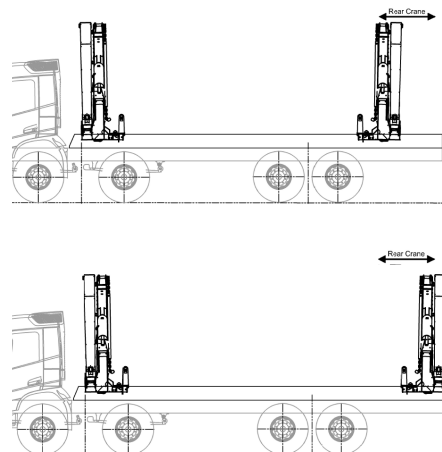
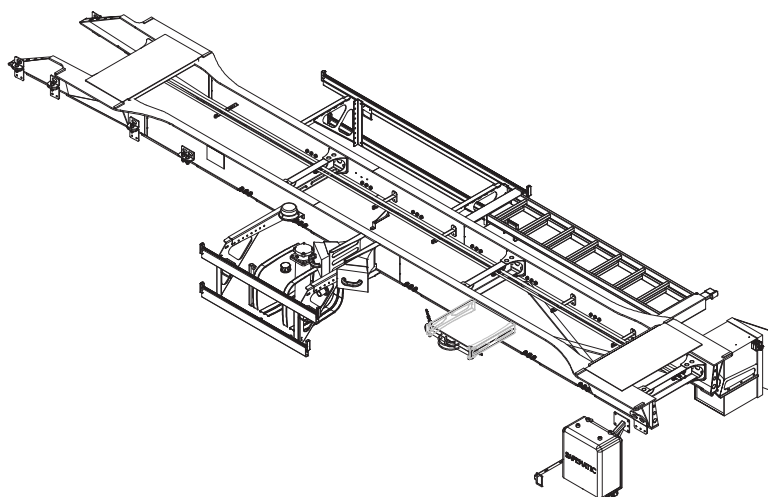
*AT 1400 MM INSTALLATION HEIGHT (K) AND STANDARD LIFTING CHAIN LENGTHS

STANDARD SPECIFICATION XXL36

STABILIZER MODES	3-mode stabilizers: StepOver Mode (1), Dock Mode (2), Sledge Mode (3).
SAFE WORKING LOAD/REACH (M)	Mode(1) 3 m: 45 t 4 m: 26 t 4,5 m: 22 t 5 m: 19 t 5,5 m: 17 t 6 m: 15 t Mode(2) 3 m: 45 t 4 m: 26 t 4,5 m: 15 t 5 m: 9 t 5,5 m: 7 t 6 m: 5,5 t Mode(3) 3 m: 33 t 4 m: 11 t 4,5 m: 7,4 t 5 m: 5,5 t 5,5 m: 4,3 t 6 m: 3,3 t
CONTAINER COMPATIBILITY	ISO and NATO containers & flat racks, and any load carrier with corner castings, including high cube. Optional top corner lifting capability.
STACKING CAPACITY	30 t: one container on top of a 9' 6" HC container in one row. 17 t: one container on top of a 9' 6" HC container two rows deep.
TRANSFER CAPABILITIES	From/to semi-trailers, drawbar trailers, truck chassis and railway wagons.
HANDLING TIME ON/OFF VEHICLE (FULL CYCLE)	4-5 minutes (deploy stabilizers, detach/attach lifting lugs, lifting, un/locking twist locks).
CRANE WEIGHT	5550 kg / crane pair (excluding chosen subframe or trailer)
TWIST LOCKS	4pcs. Hammar safety design and approved for 12,5 tonnes per twist lock.
LIFTING CHAINS	Ø 19 mm, approved and rated for 14 tonnes/chain with 4-times safety factor.
LIFTING LUGS	Light-weight, approved and rated for 12,5 tonnes / lug.
CONTAINER STOPS	Assists when loading the Hammar. Adjustable and removable.
SAFETY SYSTEM	PLC-based monitoring system that continuously tracks the mass and position of the load relative to the sideloader, preventing dangerous positions. The safety system display shows a number of useful variables. For military applications, the system can be turned off via a lockable switch.
EXTRA SUPPORT LEGS	The two extra support legs is installed on the opposite lifting side for extra stability and increased capabilities. Extra width in use = 245 mm (L).

Hammar reserves the right to change specifications, features, and designs without prior notice

HAMMAR SUBFRAME EXT

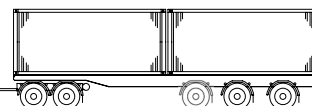
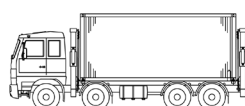
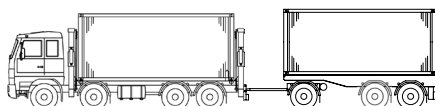
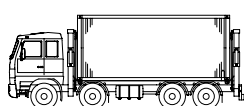


Please note: drawings are examples only, exact setup will vary

STANDARD SPECIFICATION

LOAD DIMENSIONS	20' up to 25' (6-7,6 m approx) with a movable/sliding back crane.
SUBFRAME WEIGHT	Standard: 1000-1400 kg. 3-point subframe/special: 1400-2250 kg
SUBFRAME INSTALLATION	Bolt-on
SUBFRAME WIDTH	2500 mm as standard
SUBFRAME LENGHT	7500 mm up to 9 200 mm, depending on the truck
SUBFRAME HEIGHT	From 300 mm

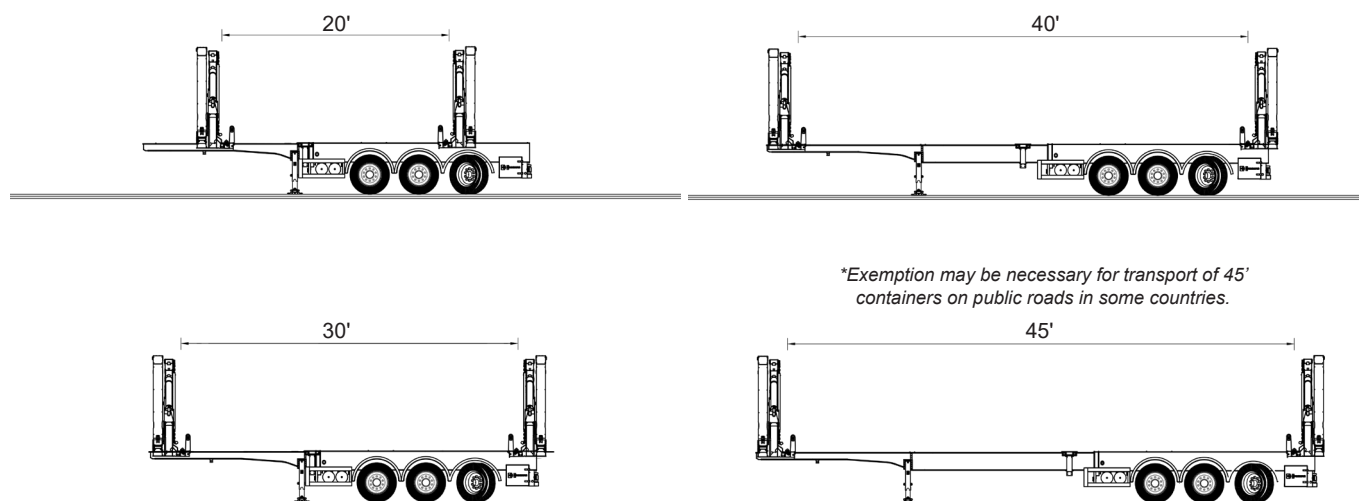
CAN BE INSTALLED ON ANY BRAND OF TRUCK OR PLATFORM



With a drawbar coupling on the tractor additional load can be transported, and the Hammar can be used to unload both itself and the trailer

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HAMMAR C-CHASSIS



Please note: drawings are examples only, axle setup, crane, additional equipment can vary

SPECIFICATION HAMMAR C-TYPE TRAILER

CONTAINER DIMENSIONS	20', 2x20', 30', 40', 45'
TRAILER TYPE	Telescopic (via radio remote) with sliding cranes
TRAILER WEIGHT	7 - 8 tonnes depending on specification
TRAILER LENGTH	10,4-15,1 m
AXLES/WHEEL BRAKES	BPW 3x10 t, with 3rd axle self-steering. Drum brakes on all axles.
TYRES	6 pcs 385/65R22.5 rated 10 t per axle, and one spare tyre with holder
BRAKE SYSTEM	WABCO two circuit. EBS E 4S/3M, with four sensors and three modulators. Power supply via ISO 7638. The EBS-system is featuring RSS - Roll Stability Support.
SUSPENSION	Air suspension
KING PIN	2", JOST or SAF.
LANDING LEGS	JOST, with two speed operation
WHOLE VEHICLE TYPE APPROVAL (WVTA)	WVTA according to EU directive 2007/46/EC, approved by RDW (Netherlands Vehicle Authority). The trailer is equipped accordingly regarding safety standards; lights, guards, TPMS (tyre pressure monitoring system) etc.
5TH WHEEL HEIGHT	1200 mm as standard

C-TRAILER FEATURES



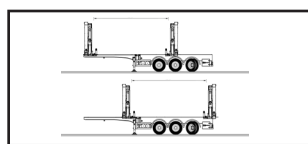
RAISE & LOWER FUNCTION

Manually adjust ride height for smooth loading, even on slopes. Control via SmartBoard with automatic return to drive mode and real-time axle pressure display.



2X20' CAPACITY

A centre container beam with 4 twist locks and 2 twin-locks is included, enabling the simultaneous handling of 2 lightly loaded containers 20' containers.



PARALELL SLIDING

Allows shifting of ca 10' with a container weighing up to 36 tonnes on the Hammar to optimize weight balance, improve crane position, or boost traction by adding load to drive axles.



TOOL BOX, 200 L

A durable 200L aluminium tool-box with stainless steel lid, lock, and hinges. Double-sealed and bottom-protected. Mounted in front of axle 1 on non-lifting side.

OPTIONAL FEATURES & EQUIPMENT

GOOSENECK FOR HC CONTAINERS
CUSTOM AXLE CONFIGURATIONS

FORCED STEERING
DISC BRAKES

SPRING SUSPENSION
CUSTOMIZED DIMENSIONS

LIFTING AXLE
10' CAPACITY

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STANDARD SPECIFICATION HAMMAR

OPERATION	Two speed via wired and remote control. Manual levers located on the valves can be used for emergency operation.
POWER SOURCE	Via truck hydraulics (PTO & pump) or diesel power pack on the Hammar.
OPERATING TEMPERATURES	As standard, -25°C to +50°C, down to -40°C with emergency controls.
HYDRAULICS	250 bar working pressure
OIL TANK SIZE	160 L
HYDRAULIC PUMP	Double flow pump (if PTO, torque of min 380 Nm is required)

HAMMAR CERTIFICATIONS/STANDARDS

HANDLING OF DANGEROUS GOODS	ADR (EX/II, EX/III, FL & AT)
SAFETY, HEALTH AND ENVIRONMENTAL	CE marking Fulfills Machinery Directive 2006/42/EC
ELECTROMAGNETIC COMPATIBILITY (EMC)	UNECE R10 compliant; MIL-STD-461 on request

INCLUDED OPTIONS



HAMMAR OPTICAL POSITIONING SYSTEM

Two optical sensors on the Hammar read the position of the container. When in position to load the container a green light is lit. Accuracy is ± 2 cm.



ANCILLARY HYDRAULIC CONNECTIONS

Option to enable the use of hydraulic heavy duty tools, hydraulic cylinders etc. for example in the workshop, with the Hammar hydraulic system.



PREPARED FOR BLACK OUT

Prepared for total black out, functionality. Turn off/hide all lights and LEDs on the Hammar for operating in complete darkness.



COMPOSITE FOOT PLATES

500x500x40 mm composite foot plates and brackets are installed on the Hammar. The plates are placed beneath stabilizers to reduce ground pressure.



HELP TO HELP FEATURE

Hammar rescue solution where we make it possible to operate the cranes on a damaged truck supported by a second truck, both with help to help installed.

ADDITIONAL OPTIONS



DON'T FORGET ME

To remind the operator not to leave the remote behind, an indication light turns on when the remote is not correctly stored in the charger.



LUBRICATION SYSTEM

A centralized lubrication system supplying greasing points on the Hammar. Reduces maintenance time and costs, and increases the product life time.



MULTI-PURPOSE HOOKS

Two pairs of lifting hooks that attach to the standard chains, used for lifting containers in the top corner castings or other cargo with lifting eyes.



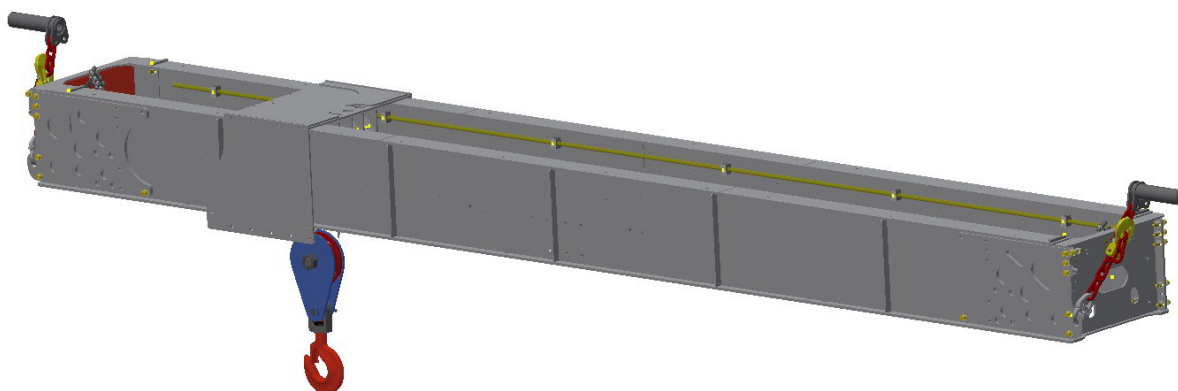
AUTOMATIC TWIST LOCKS

Automatic crane twist locks for more efficient operations and less room for human error. Connected to automatically open/close when the crane power is engaged/disengaged.

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HAMMAR XXL10SL

Hammar combined Service & Lifting beam

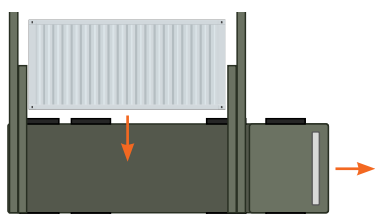


HAMMAR SERVICE BEAM DATA

SERVICE BEAM LENGTH	20' (6 m) and can be extended to 23' (7 m) as standard.
WINCH SAFE WORKING LOAD	10 t, contact Hammar if more is needed
MAXIMUM WINCHING HEIGHT	4 m
MAXIMUM HORIZONTAL MOVE	5 m
WEIGHT	Approx 2 tonnes depending on application
LIFTING MODE	The beam can also be used to handle vehicles and other cargo up to 36 ton

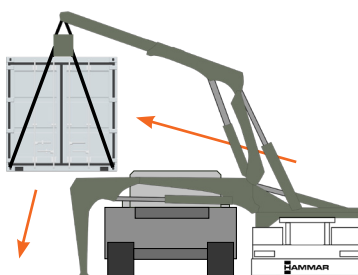
CONCEPT using XXL36 + XXL10SL BEAM

1



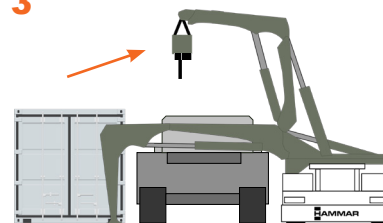
Pick up the mobile workshop station (MWS) and drive to the damaged vehicle.

2



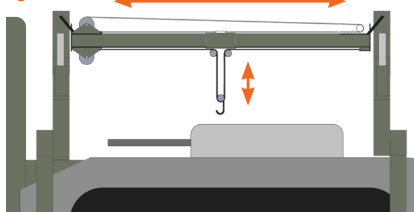
Put down the MWS over and next to the vehicle (SWL up to 15 t at 6m) or drive the Hammar into another position and place it next to the Hammar (SWL up to 36 t at 3m).

3



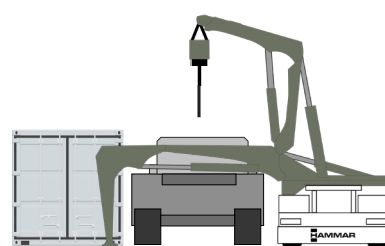
Pick up the service beam and move it in position to use the overhead winch on the service beam. Technicians can start pre-preparing equipment etc. in the meantime.

4



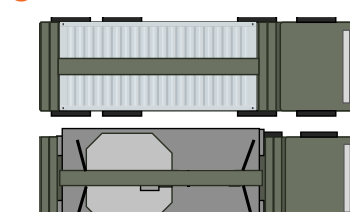
The winch can move 5 m horizontally along the lifting beam, meaning that the Hammar cranes do not have to move. The wire moves 4 m up/down and lifts up to 10 t, works similar to an overhead crane.

5



At work, the MWS gives extra protection to the technicians and vehicle. Camouflage and other protection solutions can be installed on the service beam as option.

5



Once the job is done the unit can pick up the container and move on. Alternatively, if it can't be repaired, the vehicle can be lifted and transported to another location.

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WORLD LEADERS IN SIDELOADERS

Hammar is the world's leading manufacturer of Side-loader trailers and Sideloader superstructures. Built for performance and reliability, Hammar Sideloaders are capable of lifting and transferring cargo horizontally, with capacities of up to 45 metric tonnes.

Proudly made in Sweden, Hammar has over 50 years of experience and has delivered Sideloaders to more than 125 countries worldwide. Hammar solutions offers unmatched flexibility and efficiency, combining lifting, transferring, and transport capabilities in a single vehicle to save time, reduce handling, and streamline operations.

