

Cranes

Crane Model	SB450
Max Lift Capacity	45 Tonne
Max Outreach	3900 mm from (centre-line)
Side of Lift	Right Hand Lift
Stabilisers	Tilt & Extend (Foot size: 730x220)
Lifting Chains	16 mm Grade 120 RUD ICE
Chain Shorteners	Optional
Container Detection	Proximity sensor and lights
Work Lamps	Fitted to each stabiliser leg
Hydraulics	Danfoss PVG32 proportional valve
Crane Paint	Traffic Red (RAL 3020)

Interface

Container Position	Centre drive; optimum 20', rear 20', 2x20', 40'
Control System	SmartLift
Remote Control	Radio remote joystick control
Control Cabinet	Steel, lockable
Toolbox	Steel, lockable 500 mm (Grey)
Container Joiners	To lift 2x20' ISO containers simultaneously

Power Supply

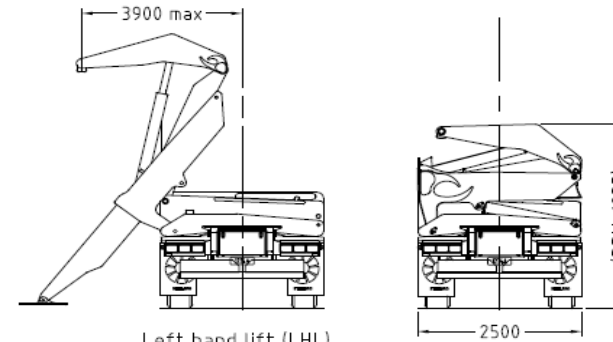
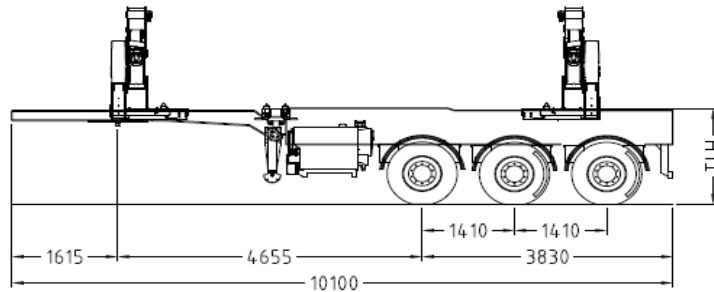
Source	PTO (optional supply - supplied on request)
Spec	Advise truck specifications (Must specify)
Voltage	24V
Emissions	Refer truck unit specifications
Pump	Refer truck/PTO specifications
Mounting	Refer truck/PTO specifications
Tank	Refer truck/PTO specifications

Chassis

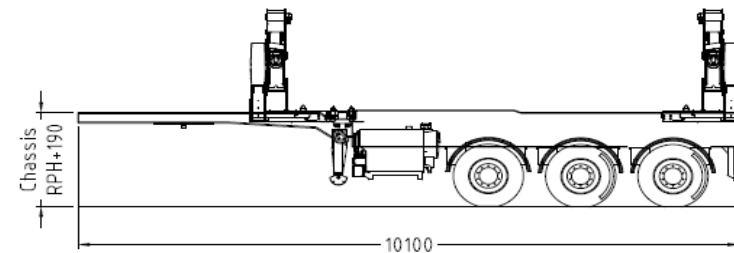
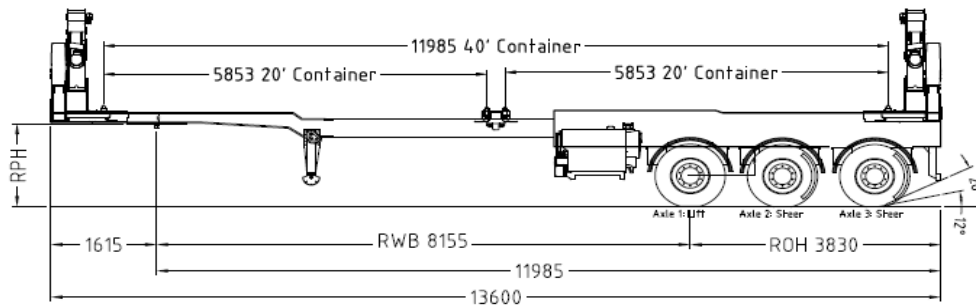
Chassis Model	Trombone Chassis (20-40')
Rubplate Height (RPH)	1350mm
Overall Height (OAH)	4161mm (ISO 8'6" container)
Kingpin	Standard 2" (bolted)
Landing Legs	Dual speed, wind up legs
Landing Leg Handle	Right hand side
Suspension	SAF Air Suspension
Axles	SAF 22.5 10/335 disc brake
Axle 1	Rigid/Lift
Axle 2	Steer (forced)
Axle 3	Steer (forced)
Wheels	Steel 11.75x22.5
Tyres	385/65R 22.5"
Brake System	Wabco EBS
Brake Coupling	Gladhand couplings (Red/Yellow)
Trailer Wiring	ADR
Lighting	Multi-Volt LED
Electrical Coupling	15-pin plug (ISO 12098) & EBS plug
Mudguards	Plastic, Black with alloy joiner
Mud Flaps	2x single flaps
Spare Wheel Carrier	Optional (crane mounted)
Paint	Traffic Red (RAL 3020)

Sales Drawing	SB450TS2040-G013E
Tare Weight	13000 kg ± 3% (Subject to final specification)

STEELBRO SB450TS 45 Tonne Trombone Sidelifter



Left hand lift (LHL)
shown for illustrative purposes.



Opt	RPH (mm)	Suspension	Axles	Wheels	Tyres	TLH	OAH ISO 8'6"	OAH ISO 9'6"
A	1350	Air	22.5" 10/335	11.5x22.5	385/65R22.5	1570	4161	4466
B	1400	Air	22.5" 10/335	11.5x22.5	385/65R22.5	1620	4211	4516

Key:
OAH = Over All Height
RPH = Rubplate Height
TLH = TwistLock Height
RWB = Reference Wheelbase

NOTE:
Power Pack shown for reference only.

Sales Drawing: All dimensions are subject to confirmation at manufacture

Title SB450TS 45 Tonne Trombone Sidelifter		Part SB450TS2040-G013	Rev E
Notes Provisional		Filename	
 STEELBRO Christchurch New Zealand © Copyright Steelbro 2021	Default Tolerances		Drawn whawar 20/08/2020
	Machining: Size ± 0.5 , Surface N8 Angle $\pm 0.5^\circ$ Profiling: Size ± 2 , Position ± 2 Angle $\pm 2^\circ$ Welding: Position ± 3 , Quality C		Mass kg A4