

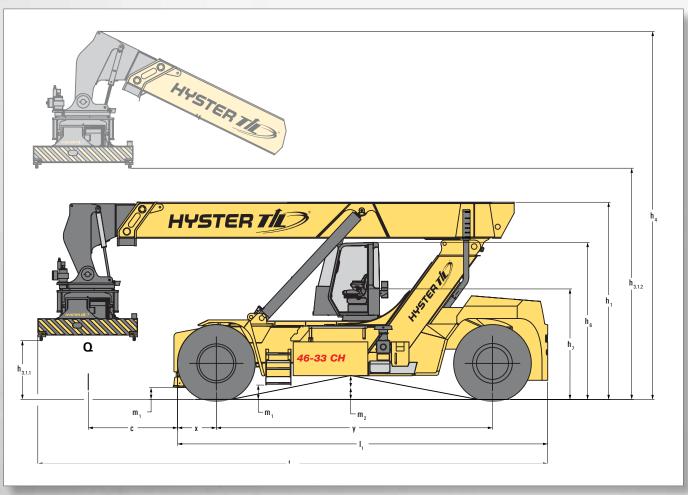


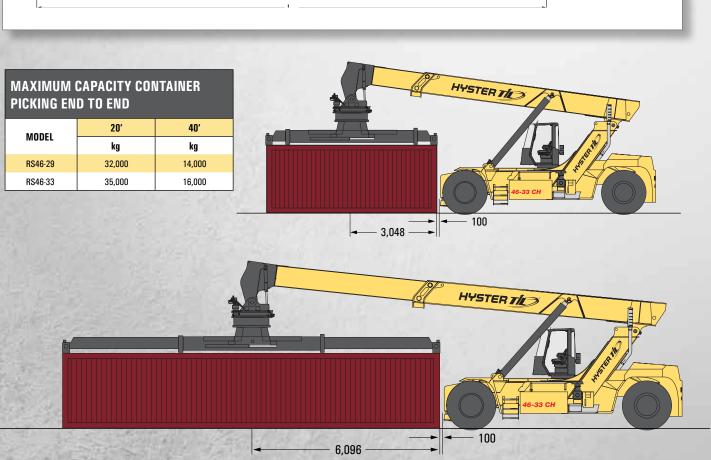


RS46 SERIES TECHNICAL GUIDE



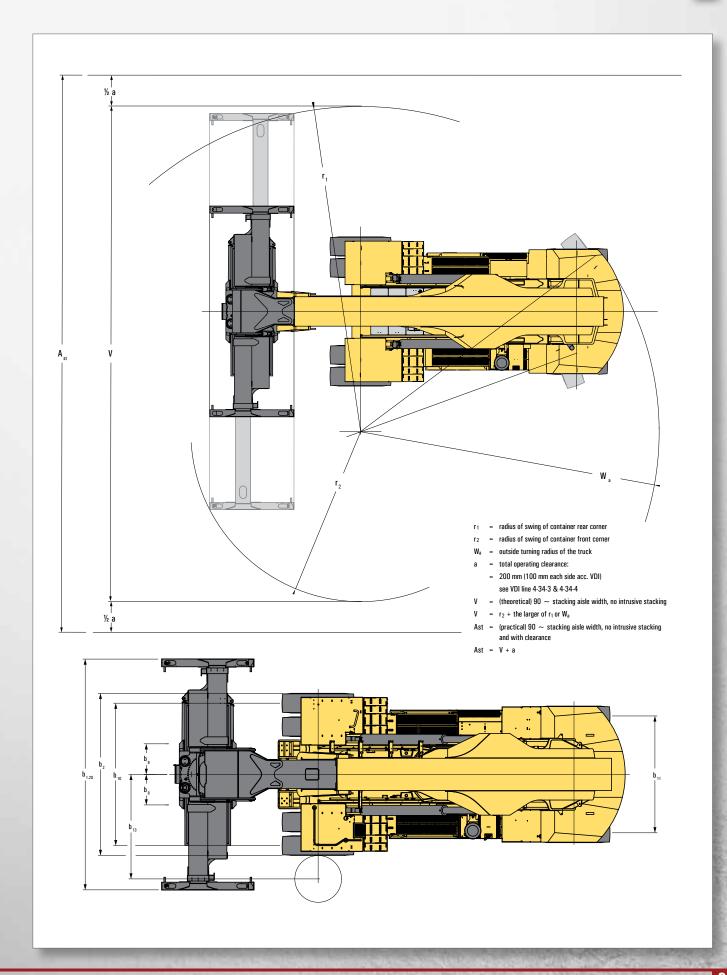
# > TRUCK DIMENSIONS





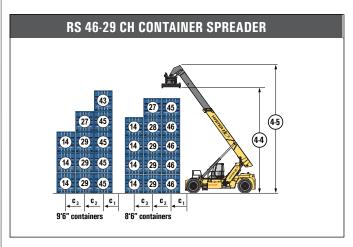
# TRUCK DIMENSIONS >

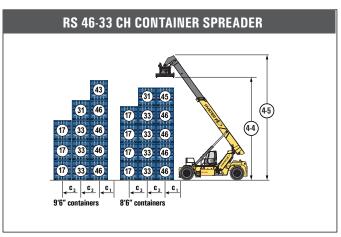




# > RATED CAPACITIES AND STACKING HEIGHTS

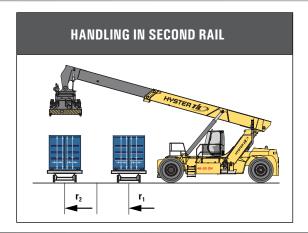
(shown in 1,000 kg.)



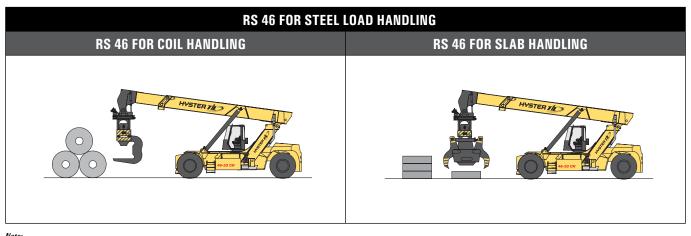


<b>C</b> 1	C2	<b>C</b> 3
1865mm	3815mm	6315mm

Note: All load centres c1, c2, c3 are taken from the front face of the (front) Tyres, deduct 100mm for load centres taken from the front face of the stabiliser.



r1	r2
1865mm	6315mm



Note:

Special Attachments : Please get in touch with our Sales & Application team for more details.

# RS 46-29, RS 46-33, CONTAINER HANDLERS

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	1-1	Manufacturer			HYSTI	ER-TIL	HYST	ER-TIL
-	1-2	Model designation			RS 46-	29 CH	RS 46-	33 CH
	1-3	Powertrain / drivetrain			Dies	sel	Dies	sel
	1-4	Operator type			Seat	ted	Seat	ted
	1-5-1	Load capacity at load centre distance c <sub>1</sub> without/with stabiliser (1)	<b>Q</b> 1	kg	46,000	n/a	46,000	n/a
_ [	1-5-2	Load capacity at load centre distance c <sub>2</sub> without/with stabiliser (1)	<b>Q</b> <sub>2</sub>	kg	29,000	n/a	33,000	n/a
GENERAL	1-5-3	Load capacity at load centre distance c <sub>3</sub> without/with stabiliser (1)	<b>Q</b> 3	kg	14,000	n/a	17,000	n/a
99	1-6-1	Load centre distance c <sub>1</sub> (2)	C 1	mm	1,8	865	1,8	65
	1-6-2	Load centre distance c <sub>2</sub> (2)	C 2	mm	3,8	315	3,8	15
	1-6-3	Load centre distance c <sub>3</sub> (2)	C3	mm	6,3	15	6,3	115
L	1-8	Load distance, ctr of drive axle to face of front Tyres/front of stabiliser	x	mm	835	n/a	835	n/a
	1-9	Wheelbase	у	mm	6,2	200	6,2	200
	1-10	Stacking height at first row (number x container height)		#	5 x 9	9′ 6″	5 x 9	9′ 6″
  -	2-1	Service weight		kg	68,	500	72,	200
WEIGHT	2-2-1	Axle loading with load, front / rear at $c_1$		kg	101,350	13,150	101,100	17,100
3	2-3-1	Axle loading without load, front / rear at $c_1$		kg	35,300	33,200	35,000	37,200
	3-1	Tyre type			Pneum	natic	Pneum	natic
	3-2	Tyre size, front			18.00-2	5 40PR	18.00-2	5 40PR
WHEELS	3-3	Tyre size, rear			18.00-2	5 40PR	18.00-2	5 40PR
M M	3-5	Wheels, number front / rear (X = driven wheels)			х4	12	х4	12
	3-6	Tread, front	b <sub>10</sub>	mm	3,7	03	3,7	03
	3-7	Tread, rear	b <sub>11</sub>	mm	3,0	160	3,0	160
	4-1	Boom angle minimum / maximum		(°)	0 /	59	0 / 59	
	4-2	Height of boom lowered	h <sub>1</sub>	mm	4,7	00	4,700	
	4-4-1	Lift height at load centre $c_1$ (3)	h <sub>3.1</sub>	mm	15,	260	15,260	
L	4-4-2	Lift height at load centre $c_2$ (3)	h <sub>3.2</sub>	mm	13,	850	13,850	
	4-5	Height, boom extended	h <sub>4</sub>	mm	18,	110	18,110	
يا	4-7	Height of overhead guard (cabin)	h <sub>6</sub>	mm	3,7	'20	3,720	
L	4-8	Seat height to SIP (4)	h <sub>7</sub>	mm	2,5	i55	2,555	
	4-15	Height under Twistlock - lowered (3)	h <sub>13</sub>	mm	1,3	845	1,345	
SNO	4-19	Overall length	l <sub>1</sub>	mm	8,3	860	8,3	60
DIMENSIONS	4-20	Overall length including boom retracted	I <sub>2</sub>	mm	11,	873	11,	873
	4-21-2	Overall width across all of truck	b <sub>2</sub>	mm	4,2	200	4,2	200
	4-21-3	Overall width across spreader 20'	b <sub>1.20</sub>	mm	6,1	00	6,1	00
_	4-21-4	Overall width across spreader 40'	b <sub>1.40</sub>	mm	12,	200	12,	200
	4-31	Ground clearance, lowest point	m <sub>1</sub>	mm	28	35	28	35
	4-32	Ground clearance, centre or wheelbase	m <sub>2</sub>	mm	43	37	43	37
-	4-34-3	Aisle width: 20' container (5)	Ast 20	mm	12,	639	12,639	
	4-34-4	Aisle width: 40' container (5)	Ast 40	mm	14,	403	14,403	
	4-35	Outside turning radius	W <sub>a</sub>	mm	8,4	120	8,4	20
-		PERFORMANCE	симмі	NS QSI	W11 224K	W STAGE	IIIA ENGIN	E - TE 27
-	5-1	Travel speed with / without load		km/h	20	23	20	23
	5-2	Lifting speed with / without load		m/s	0.25	0.48	0.25	0.48
핑	5-3	Lowering speed with / without load		m/s	0.46	0.45	0.46	0.45
₹ .	5-7	Gradeability - 1.6 km/h, with / without load (6)		%	22	36	22	36
Σ		PERFORMANCE	симм	INS QS	M11 250K	W STAGE	IIIA ENGIN	E - TE 32
RFORM								
PERFORMANCE	5-1	Travel speed with / without load		km/h	21	23	21	23
PERFORM	5-1 5-2			km/h m/s	21 0.28	23 0.48	21 0.28	23 0.48
PERFORM		Travel speed with / without load						

# **>** POWERTRAINS

甘	1-1	Manufacturer		HYSTER-TIL	HYSTER-TIL
l y	1-2	Model designation		RS46 CH	RS46 CH
픙	1-3	Powertrain / drivetrain		Diesel	Diesel

	7-1	Engine manufacturer / model		Cummins / QSM11	Cummins / QSM11
	7-1a	EPA / CE Tier compliance		Tier 3 / Stage IIIA	Tier 3 / Stage IIIA
	7-2	Engine power output according to ISO 1585	kW	224	250
	7-2-1	Engine power output - peak	kW	224	272
뿔	7-3	Rated speed	rpm	2,100	2,100
ENGINE	7-3-1	Engine torque @rpm (1/min)	N-m	1,424 @ 1000	1,674 @ 900
	7-4	Number of cylinders / displacement	# / cm3	6 / 10,800	6 / 10,800
		Turbocharger	Туре	Wastegate, water cooled	Wastegate, water cooled
	7-8	Alternator output	Amps	120	120
	7-10	Battery voltage, rated capacity	V / Ah	24 / 130	24 / 130

	8-1	Drive control / transmission	Type / #	Hydrodynamic Transmission	Hydrodynamic Transmission
	8-2	Transmission manufacturer / type	Type / #	Spicer Off-Highway / TE-27	Spicer Off-Highway / TE-32
	8-4	Transmission speeds forward / backward	#	4 / 4	4 / 4
DRIVE	8-5	Coupling	Туре	Torque Converter	Torque Converter
置	8-6	Wheel drive / drive axle manufacturer / type	Type / #	Axletech PRC7545 / Kessler D102	Axletech PRC7545 / Kessler D102
	8-11	Service brake	Туре	Oil immersed (wet) disc	Oil immersed (wet) disc
	8-12	Parking brake	Туре	Spring applied, dry disc on drive axle	Spring applied, dry disc on drive axle

	9-1	Spreader manufacturer			TIL	TIL
甾	9-3	Size of containers		feet (')	ISO 20' - 40'	ISO 20' · 40'
EA	9-3 9-4 9-6-1	Side shift	b <sub>8</sub>	mm	+800 / -800	+800 / -800
S P	9-6-1	Rotation angle, without override		0	+12 / -12	+12 / -12
	9-6-2	Rotation angle, with override		0	+ 185 / -95	+ 185 / -95

	10-1	Operating pressure for attachments		bar	140	140
	10-2	Oil volume for attachments		I/min	70 to 110	70 to 110
	10-3	Hydraulic oil tank, capacity		1	625	625
ပ္ထ	10-4	Fuel tank capacity		1	830	830
MISC	10-5	Steering design			Hydrostatic	Hydrostatic
	10-6	Number of steering rotation			6	6
	10-7	Sound pressure level at driver's seat (7)	Lpaz	dB(A)	75	75
	10-7-1	Sound power level during the workcycle	Lwaz	dB	109	109

#### NOTES:

Specifications are affected by the condition of the vehicle and how it is equipped, as well as the nature and condition of the operating area. Inform your dealer of the nature and condition of the intended operating area when purchasing your Hyster\*truck.

- Load capacities shown with mechanical pile slope (MPS) spreader. Deduction for using powered pile slope spreader is approx. 900 kg
- (2) From face of front Tyres.
- (3) With Mechanical Pile Slope (MPS). For optional Powered Pile Slope (PPS) function: deduct 310 mm.
- (4) Full suspension seat in depressed position.
- (5) Spreader at 8.0 m high, central above front axle; container 0 mm in front of Tyres; includes 100 mm clearance.
- (6) Gradeability figures provided for comparison of tractive performance, but are not intended to endorse the operation of vehicle on the stated inclines.
- (7) Add 2 dB(A) for option with additional cab fan.

All capacities are according to EN1459.

All specifications and capacities are valid for trucks equipped with a Hyster TIL container handling spreader for handling ISO containers.

#### NOTICE:

Care must be exercised when handling elevated loads. Operators must be trained and must read, understand and follow the instructions contained in the Operating Manual.

All values are nominal values and they are subject to tolerances. For further information, please contact the manufacturer.

Hyster products are subject to change without notice.

Lift trucks illustrated may feature optional equipment. Values may vary with alternative configurations.

NOTE: Specifications, unless otherwise listed, are for a standard truck without optional equipment.

Specification data is based on VDI 2198.

# STANDARD AND OPTIONAL EQUIPMENT >

Traction speed limiter when carrying container (adjustable)  Traction speed limiter - unconditional (adjustable)  Steer axle with full stroke steer cylinder for tight turning radius  X Steer axle with reduced stroke steer cylinder for longer Tyre life  X Premium E4 Pneumatic bias ply Tyres  Pemium Slick bias ply Tyres  X Premium Slick radial Tyres  18.00-25 40PR drive and steer Tyres  LIFT  STD  OPT  On-demand load sensing hydraulic system  Automatic throttle-up when lifting (in neutral or inching)  X 2-stage boom for 5-high 1st row stacking  G-high 1st row stacking  386 load moment Indicator with monochrome display  386 load moment Indicator with color display  High speed hoist system - below 10 tons  Hydraulic system temperature protection  Container weighing system SOLAS compliant  HANDLING  TIL Spreader with rotation (CH models)  Mechanical Pile Slope  4 lifting eyes located on end beam corners  4 lifting eyes located under centre beam of spreader  Container guides - located outside near twistlocks  Rotation stops with override  X VISIBILITY  STD  OPT  External wide angle mirrors mounted on tear of front fenders  X Rear view camera system  Halogen work lights  LED stop/tail/brake lights  Turn signals, hazard & marker lights (LED)  X  X   X   X  X  X  X  X  X  X  X  X	PERFORMANCE	STD	OPT
wastegate turbocharger, wäter cooledd  Hibernate Idle  X  Hibernate Idle  X  120 amp alternator  Rowertrain protection system  Spicer Off-Highway TE-27 4-speed auto-shifting transmission  X  Spicer Off-Highway TE-32 4-speed auto-shifting transmission  X  Spicer Off-Highway TE-32 4-speed auto-shifting transmission  X  Akletech PRC7545 drive axle with wet disc brakes  X  Kessler D102 drive axle with wet disc brakes  X  Ressler D102 drive axle with wet disc brakes  X  Ressler D102 drive axle with wet disc brakes  X  Traction speed limiter when carrying container (adjustable)  Traction speed limiter - unconditional (adjustable)  Steer axle with full stroke steer cylinder for tight turning radius  Steer axle with reduced stroke steer cylinder for longer Tyre life  X  Premium E4 Pneumatic bias ply Tyres  Pemium Slick bias ply Tyres  Premium Slick hadial Tyres  18.00-25 40PR drive and steer Tyres  LIFT  STD OP'  On-demand load sensing hydraulic system  Automatic throttle-up when lifting (in neutral or inching)  X  2-stage boom for 5-high 1st row stacking  Automatic throttle-up when lifting (in neutral or inching)  X  386 load moment Indicator with color display  Bis load moment Indicator with color display  X  Bilish speed hoist system - below 10 tons  X  HANDLING  ILS Spreader with rotation (CH models)  X  HANDLING  LIS Spreader with rotation (CH models)  X  HANDLING  LIS preader with rotation (CH models)  X  LIS preader with rotation (CH models)  X  SExternal wide angle mirrors mounted on rear of front fenders  X  VISIBILITY  STD OP'  External wide angle mirrors mounted on rear of front fenders  X  LIS preader with rotated outside near twistlocks  Restorial wide angle mirrors mounted on top of front fenders  X  SUPPLEMENTAL  LED work lights  A  SUPPLEMENTAL  LED sop/rail/brake lights  A  SUPPLEMENTAL  LED voork manual	Cummins QSM11 diesel engine rated 224 kW Stage IIIA wastegate turbocharger, water cooled	Х	
Hydraulically driven on-demand cooling fan  120 amp alternator  X  Powertrain protection system  Spicer Off-Highway TE-27 4-speed auto-shifting transmission  X  Spicer Off-Highway TE-32 4-speed auto-shifting transmission  X  Axletech PRC7545 drive axle with wet disc brakes  X  Kessler D102 drive axle with wet disc brakes  X  Kessler D102 drive axle with wet disc brakes  X  DRIVE  STD OPT  Traction speed limiter when carrying container (adjustable)  Traction speed limiter - unconditional (adjustable)  X Steer axle with full stroke steer cylinder for tight turning radius  Steer axle with reduced stroke steer cylinder for longer Tyre life  X  Premium E4 Pneumatic bias ply Tyres  Pemium Slick bias ply Tyres  Pemium Slick radial Tyres  18.00-25 40PR drive and steer Tyres  LIFT  STD OPT  On-demand load sensing hydraulic system  Automatic throttle-up when lifting (in neutral or inching)  X  2-stage boom for 5-high 1st row stacking  3B6 load moment Indicator with monochrome display  X  3B6 load moment Indicator with monochrome display  X  High speed hoist system - below 10 tons  Hydraulic system temperature protection  Container weighing system SOLAS compliant  HANDLING  TIL Spreader with rotation (CH models)  Mechanical Pile Slope  X  4 lifting eyes located on end beam corners  4 lifting eyes located under centre beam of spreader  Container guides - located outside near twistlocks  Rotation stops with override  X  VISIBILITY  STD OPT  STD OPT  TLE Drown lights  X  LED work lights  X  LED work lights  X  LED work lights  X  LED twistlock indicator lights  X  LED stop/tail/brake lights  Turn signals, hazard & marker lights (LED)  X  SUPPLEMENTAL  SUPPLEMENTAL  SUPPLEMENTAL  SUPPLEMENTAL  Warranty: 12 months / 2,000 hours manufacturer's warranty  X  Bolication brops with warranty  X  Britand automatic transmission  X  Britand automatic system should be over a manufacturer's warranty			Х
120 amp alternator  Powertrain protection system  Spicer Off-Highway TE-27 4-speed auto-shifting transmission  X  Spicer Off-Highway TE-32 4-speed auto-shifting transmission  X  X  Spicer Off-Highway TE-32 4-speed auto-shifting transmission  X  X  Kessler D102 drive axle with wet disc brakes  X  Kessler D102 drive axle with wet disc brakes  X  Traction speed limiter when carrying container (adjustable)  Traction speed limiter - unconditional (adjustable)  X  Traction speed limiter - unconditional (adjustable)  X  Steer axle with full stroke steer cylinder for longer Tyre life  X  Steer axle with full stroke steer cylinder for longer Tyre life  X  Premium E4 Pneumatic bias ply Tyres  Premium Slick bias ply Tyres  Premium Slick radial Tyres  18.00-25 40PR drive and steer Tyres  LIFT  STD  OP'  On-demand load sensing hydraulic system  Automatic throttle-up when lifting (in neutral or inching)  X  2-stage boom for 5-high 1st row stacking  Automatic throttle-up when lifting (in neutral or inching)  X  386 load moment Indicator with monochrome display  X  386 load moment Indicator with color display  High speed hoist system - below 10 tons  X  Hydraulic system temperature protection  Container weighing system SOLAS compliant  X  HANDLING  TIL Spreader with rotation (CH models)  X  Automatic system temperature protection  Container weighing system SoLAS compliant  X  Hifting eyes located under centre beam of spreader  X  Container weighing system sounted on rear of front fenders  X  Reternal wide angle mirrors mounted on rear of front fenders  X  Reternal wide angle mirrors mounted on rear of front fenders  X  Reternal wide angle mirrors mounted on rear of front fenders  X  Rear view camera system  X  LED two kilghts  X  LED two kilghts  X  LED two kilghts  X  LED stop/tail/brake lights  X  LED stop/tail/brake lights  X  SUPPLEMENTAL  LED sop/tail/brake lights  X  Warranty: 12 months / 2,000 hours manufacturer's warranty  X	Hibernate Idle	Х	
Powertrain protection system Spicer Off-Highway TE-27 4-speed auto-shifting transmission Spicer Off-Highway TE-32 4-speed auto-shifting transmission X Spicer Off-Highway TE-32 4-speed auto-shifting transmission X Axletech PRC7545 drive axle with wet disc brakes X Exessler D102 drive axle with wet disc brakes X DRIVE STD OP Traction speed limiter when carrying container (adjustable) X Traction speed limiter - unconditional (adjustable) X Steer axle with full stroke steer cylinder for tight turning radius Steer axle with reduced stroke steer cylinder for longer Tyre life X Premium E4 Pneumatic bias ply Tyres X Pemium Slick bias ply Tyres X Premium Slick bias ply Tyres X 18.00-25 40PR drive and steer Tyres X LIFT STD OP On-demand load sensing hydraulic system Automatic throttle-up when lifting (in neutral or inching) X 2-stage boom for 5-high 1st row stacking At thomatic throttle-up when lifting (in neutral or inching) X 386 load moment Indicator with monochrome display 386 load moment Indicator with color display High speed hoist system - below 10 tons X Hydraulic system temperature protection X Container weighing system SOLAS compliant X HANDLING STD OP TIL Spreader with rotation (CH models) Mechanical Pile Slope X 4 lifting eyes located on end beam corners X 4 lifting eyes located under centre beam of spreader X Container guides - located outside near twistlocks Rotation stops with override X SExternal wide angle mirrors mounted on rear of front fenders X External wide angle mirrors mounted on top of front fenders X External wide angle mirrors mounted on top of front fenders X External wide angle mirrors mounted on top of front fenders X External wide angle mirrors mounted on top of front fenders X External wide angle mirrors mounted on top of front fenders X External wide angle mirrors mounted on top of front fenders X External wide angle mirrors mounted on top of front fenders X External wide angle mirrors mounted on top of front fenders X External wide angle mirrors mounted on rear of front fenders X Externa	Hydraulically driven on-demand cooling fan	Х	
Spicer Off-Highway TE-27 4-speed auto-shifting transmission         X           Spicer Off-Highway TE-32 4-speed auto-shifting transmission         X           Axletech PRC7545 drive axle with wet disc brakes         X           Kessler D102 drive axle with wet disc brakes         X           Ressler D102 drive axle with wet disc brakes         X           DRIVE         STD OPT           Traction speed limiter when carrying container (adjustable)         X           Traction speed limiter - unconditional (adjustable)         X           Steer axle with full stroke steer cylinder for longer Tyre life         X           Premium Slick bid sply Tyres         X           Permium E4 Pneumatic bias ply Tyres         X           Premium Slick bids ply Tyres         X           Premium Slick radial Tyres         X           18.00-25 40PR drive and steer Tyres         X           LIFT         STD OPT           On-demand load sensing hydraulic system         X           Automatic throttle-up when lifting (in neutral or inching)         X           2-stage boom for 5-high 1st row stacking         X           386 load moment Indicator with monochrome display         X           High speed hoist system - below 10 tons         X           Hydraulic system temperature protection         X	120 amp alternator	Х	
Spicer Off-Highway TE-32 4-speed auto-shifting transmission  Axletech PRC7545 drive axle with wet disc brakes  Kessler D102 drive axle with wet disc brakes  BRIVE  STD OP  Traction speed limiter - unconditional (adjustable)  Traction speed limiter - unconditional (adjustable)  Steer axle with full stroke steer cylinder for tight turning radius  Steer axle with reduced stroke steer cylinder for longer Tyre life  X  Premium E4 Pneumatic bias ply Tyres  Pemium Slick bias ply Tyres  Premium Slick bias ply Tyres  Premium Slick radial Tyres  18.00-25 40PR drive and steer Tyres  LIFT  STD OP  On-demand load sensing hydraulic system  Automatic throttle-up when lifting (in neutral or inching)  X  2-stage boom for 5-high 1st row stacking  Shigh lad moment Indicator with monochrome display  386 load moment Indicator with monochrome display  X  High speed hoist system - below 10 tons  Hydraulic system temperature protection  Container weighing system SOLAS compliant  HANDLING  TIL Spreader with rotation (CH models)  X  Heifting eyes located on end beam corners  4 lifting eyes located oned beam corners  4 lifting eyes located oned beam corners  4 lifting eyes located oned beam corners  4 lifting eyes located outside near twistlocks  Rotation stops with override  VISIBILITY  STD OP  External wide angle mirrors mounted on rear of front fenders  X  External wide angle mirrors mounted on or for of front fenders  X  External wide angle mirrors mounted on or feront fenders  X  External wide angle mirrors mounted on or feront fenders  X  External wide angle mirrors mounted on or feront fenders  X  External wide angle mirrors mounted on or feront fenders  X  External wide angle mirrors mounted on or feront fenders  X  External wide angle mirrors mounted on or feront fenders  X  External wide angle mirrors mounted on top of front fenders  X  External wide angle mirrors mounted on top of front fenders  X  External wide angle mirrors mounted on fear of front fenders  X  External wide angle mirrors mounted on fear of front fenders  X	Powertrain protection system	Х	
Axletech PRC7545 drive axle with wet disc brakes  Kessler D102 drive axle with wet disc brakes  DRIVE  Traction speed limiter when carrying container (adjustable)  Traction speed limiter - unconditional (adjustable)  X  Traction speed limiter - unconditional (adjustable)  X  Steer axle with full stroke steer cylinder for tight turning radius  Steer axle with reduced stroke steer cylinder for longer Tyre life  Premium E4 Pneumatic bias ply Tyres  Premium Slick radial Tyres  X  Pemium Slick radial Tyres  X  18.00-25 40PR drive and steer Tyres  LIFT  STD  OPOn-demand load sensing hydraulic system  Automatic throttle-up when lifting (in neutral or inching)  X  2-stage boom for 5-high 1st row stacking  G-high 1st row stacking  386 load moment Indicator with monochrome display  386 load moment Indicator with monochrome display  386 load moment Indicator with color display  High speed hoist system - below 10 tons  X  Hydraulic system temperature protection  Container weighing system SOLAS compliant  HANDLING  TIL Spreader with rotation (CH models)  Mechanical Pile Slope  X  4 lifting eyes located on end beam corners  X  4 lifting eyes located under centre beam of spreader  Container guides - located outside near twistlocks  Rotation stops with override  X  NSIBILITY  STD  OPT  External wide angle mirrors mounted on rear of front fenders  X  External wide angle mirrors mounted on top of front fenders  X  External wide angle mirrors mounted on top of front fenders  X  External wide angle mirrors mounted on top of front fenders  X  External wide angle mirrors mounted on top of front fenders  X  External wide angle mirrors mounted on top of front fenders  X  External wide angle mirrors mounted on top of front fenders  X  External wide angle mirrors mounted on top of front fenders  X  External wide angle mirrors mounted on top of front fenders  X  External wide angle mirrors mounted on top of front fenders  X  External wide angle mirrors mounted on top of front fenders  X  External wide angle mirrors mounted on top of fron	Spicer Off-Highway TE-27 4-speed auto-shifting transmission	Х	
Axletech PRC7545 drive axle with wet disc brakes  Kessler D102 drive axle with wet disc brakes  DRIVE  Traction speed limiter when carrying container (adjustable)  Traction speed limiter - unconditional (adjustable)  X  Traction speed limiter - unconditional (adjustable)  X  Steer axle with full stroke steer cylinder for tight turning radius  Steer axle with reduced stroke steer cylinder for longer Tyre life  Premium E4 Pneumatic bias ply Tyres  Premium Slick radial Tyres  X  Pemium Slick radial Tyres  X  18.00-25 40PR drive and steer Tyres  LIFT  STD  OPOn-demand load sensing hydraulic system  Automatic throttle-up when lifting (in neutral or inching)  X  2-stage boom for 5-high 1st row stacking  G-high 1st row stacking  386 load moment Indicator with monochrome display  386 load moment Indicator with monochrome display  386 load moment Indicator with color display  High speed hoist system - below 10 tons  X  Hydraulic system temperature protection  Container weighing system SOLAS compliant  HANDLING  TIL Spreader with rotation (CH models)  Mechanical Pile Slope  X  4 lifting eyes located on end beam corners  X  4 lifting eyes located under centre beam of spreader  Container guides - located outside near twistlocks  Rotation stops with override  X  NSIBILITY  STD  OPT  External wide angle mirrors mounted on rear of front fenders  X  External wide angle mirrors mounted on top of front fenders  X  External wide angle mirrors mounted on top of front fenders  X  External wide angle mirrors mounted on top of front fenders  X  External wide angle mirrors mounted on top of front fenders  X  External wide angle mirrors mounted on top of front fenders  X  External wide angle mirrors mounted on top of front fenders  X  External wide angle mirrors mounted on top of front fenders  X  External wide angle mirrors mounted on top of front fenders  X  External wide angle mirrors mounted on top of front fenders  X  External wide angle mirrors mounted on top of front fenders  X  External wide angle mirrors mounted on top of fron	Spicer Off-Highway TE-32 4-speed auto-shifting transmission		Х
DRIVE Traction speed limiter when carrying container (adjustable) Traction speed limiter - unconditional (adjustable) X Steer axle with full stroke steer cylinder for tight turning radius Steer axle with reduced stroke steer cylinder for longer Tyre life Premium E4 Pneumatic bias ply Tyres Premium Slick bias ply Tyres Premium Slick radial Tyres  X Premium Slick radial Tyres  X 18.00-25 40PR drive and steer Tyres  LIFT STD OPT On-demand load sensing hydraulic system Automatic throttle-up when lifting (in neutral or inching) X 2-stage boom for 5-high 1st row stacking A 386 load moment Indicator with monochrome display X 386 load moment Indicator with color display High speed hoist system - below 10 tons X Hydraulic system temperature protection Container weighing system SOLAS compliant X HANDLING TIL Spreader with rotation (CH models) Mechanical Pile Slope 4 lifting eyes located on end beam corners 4 lifting eyes located on end beam corners 4 lifting eyes located under centre beam of spreader Container guides - located outside near twistlocks X Rotation stops with override X VISIBILITY STD OPT External wide angle mirrors mounted on rear of front fenders X External wide angle mirrors mounted on top of front fenders X External wide angle mirrors mounted on top of front fenders X External wide angle mirrors mounted on top of front fenders X External wide angle mirrors mounted on top of front fenders X External wide angle mirrors mounted on top of front fenders X External wide angle mirrors mounted on top of front fenders X External wide angle mirrors mounted on top of front fenders X External wide angle mirrors mounted on top of front fenders X External wide angle mirrors mounted on top of front fenders X External wide angle mirrors mounted on top of front fenders X External wide angle mirrors mounted on top of front fenders X External wide angle mirrors mounted on top of front fenders X External wide angle mirrors mounted on top of front fenders X External wide angle mirrors mounted on top of front fenders X Extern	Axletech PRC7545 drive axle with wet disc brakes	Х	
Traction speed limiter when carrying container (adjustable)  Traction speed limiter - unconditional (adjustable)  X Steer axle with full stroke steer cylinder for tight turning radius  Steer axle with reduced stroke steer cylinder for longer Tyre life  Premium E4 Pneumatic bias ply Tyres  Premium Slick bias ply Tyres  Premium Slick radial Tyres  18.00-25 40PR drive and steer Tyres  LIFT  STD OPT  On-demand load sensing hydraulic system  Automatic throttle-up when lifting (in neutral or inching)  2-stage boom for 5-high 1st row stacking  6-high 1st row stacking  386 load moment Indicator with monochrome display  386 load moment Indicator with color display  High speed hoist system - below 10 tons  X Hydraulic system temperature protection  Container weighing system SOLAS compliant  HANDLING  STD OPT  IIL Spreader with rotation (CH models)  Mechanical Pile Slope  4 lifting eyes located on end beam corners  4 lifting eyes located under centre beam of spreader  Container guides - located outside near twistlocks  Rotation stops with override  VISIBILITY  STD OPT  External wide angle mirrors mounted on rear of front fenders  X external wide angle mirrors mounted on top of front fenders  X External wide angle mirrors mounted on top of front fenders  X External wide angle mirrors mounted on top of front fenders  X External wide angle mirrors mounted on top of front fenders  X External wide angle mirrors mounted on top of front fenders  X External wide angle mirrors mounted on top of front fenders  X External wide angle mirrors mounted on top of front fenders  X External wide angle mirrors mounted on top of front fenders  X External wide angle mirrors mounted on top of front fenders  X External wide angle mirrors mounted on top of front fenders  X External wide angle mirrors mounted on top of front fenders  X External wide angle mirrors mounted on top of front fenders  X External wide angle mirrors mounted on top of front fenders  X External wide angle mirrors mounted on top of front fenders  X External wide angle mirro	Kessler D102 drive axle with wet disc brakes		Х
Traction speed limiter when carrying container (adjustable)  Traction speed limiter - unconditional (adjustable)  X Steer axle with full stroke steer cylinder for tight turning radius  Steer axle with reduced stroke steer cylinder for longer Tyre life  Premium E4 Pneumatic bias ply Tyres  Premium Slick bias ply Tyres  Premium Slick radial Tyres  18.00-25 40PR drive and steer Tyres  LIFT  STD OPT  On-demand load sensing hydraulic system  Automatic throttle-up when lifting (in neutral or inching)  2-stage boom for 5-high 1st row stacking  6-high 1st row stacking  386 load moment Indicator with monochrome display  386 load moment Indicator with color display  High speed hoist system - below 10 tons  X Hydraulic system temperature protection  Container weighing system SOLAS compliant  HANDLING  STD OPT  IIL Spreader with rotation (CH models)  Mechanical Pile Slope  4 lifting eyes located on end beam corners  4 lifting eyes located under centre beam of spreader  Container guides - located outside near twistlocks  Rotation stops with override  VISIBILITY  STD OPT  External wide angle mirrors mounted on rear of front fenders  X external wide angle mirrors mounted on top of front fenders  X External wide angle mirrors mounted on top of front fenders  X External wide angle mirrors mounted on top of front fenders  X External wide angle mirrors mounted on top of front fenders  X External wide angle mirrors mounted on top of front fenders  X External wide angle mirrors mounted on top of front fenders  X External wide angle mirrors mounted on top of front fenders  X External wide angle mirrors mounted on top of front fenders  X External wide angle mirrors mounted on top of front fenders  X External wide angle mirrors mounted on top of front fenders  X External wide angle mirrors mounted on top of front fenders  X External wide angle mirrors mounted on top of front fenders  X External wide angle mirrors mounted on top of front fenders  X External wide angle mirrors mounted on top of front fenders  X External wide angle mirro	DRIVE	STD	OPT
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Steer axle with full stroke steer cylinder for tight turning radius         X           Steer axle with reduced stroke steer cylinder for longer Tyre life         X           Premium E4 Pneumatic bias ply Tyres         X           Pemium Slick bias ply Tyres         X           Premium Slick radial Tyres         X           18.00-25 40PR drive and steer Tyres         X           LIFT         STD         OP           On-demand load sensing hydraulic system         X           Automatic throttle-up when lifting (in neutral or inching)         X           2-stage boom for 5-high 1st row stacking         X           6-high 1st row stacking         X           386 load moment Indicator with monochrome display         X           386 load moment Indicator with color display         X           High speed hoist system below 10 tons         X           Hydraulic system temperature protection         X           Container weighing system SOLAS compliant         X           Hydraulic system temperature protection         X           KHANDLING         STD         OP           III. Spreader with rotation (CH models)         X           Mechanical Pile Slope         X         X           4 lifting eyes located on end beam corners         X           4 li			X
Steer axle with reduced stroke steer cylinder for longer Tyre life Premium E4 Pneumatic bias ply Tyres Pemium Slick bias ply Tyres Remium Slick radial Tyres Remium Slick radi			_
Premium E4 Pneumatic bias ply Tyres  Pemium Slick bias ply Tyres  Premium Slick radial Tyres  18.00-25 40PR drive and steer Tyres  LIFT  STD OP  On-demand load sensing hydraulic system  Automatic throttle-up when lifting (in neutral or inching)  2-stage boom for 5-high 1st row stacking  S-high 1st row stacking  386 load moment Indicator with monochrome display  386 load moment Indicator with color display  387 High speed hoist system - below 10 tons  387 Hydraulic system temperature protection  Container weighing system SOLAS compliant  4 HANDLING  TIL Spreader with rotation (CH models)  X Mechanical Pile Slope  4 lifting eyes located on end beam corners  4 lifting eyes located on end beam corners  4 lifting eyes located under centre beam of spreader  Container guides - located outside near twistlocks  Rotation stops with override  X STD OP  External wide angle mirrors mounted on rear of front fenders  X External wide angle mirrors mounted on top of front fenders  X External wide angle mirrors mounted on top of front fenders  X External wide angle mirrors mounted on top of front fenders  X Halogen work lights  LED wistlock indicator lights  LED wistlock indicator lights  LED stop/tail/brake lights  Turn signals, hazard & marker lights (LED)  SUPPLEMENTAL  Literature package  Operator's manual  Warranty: 12 months / 2,000 hours manufacturer's warranty  X SUPPLEMENTAL  Warranty: 12 months / 2,000 hours manufacturer's warranty		v	
Pemium Slick bias ply Tyres  Premium Slick radial Tyres  X  18.00-25 40PR drive and steer Tyres  LIFT  STD  OPT On-demand load sensing hydraulic system  Automatic throttle-up when lifting (in neutral or inching)  2-stage boom for 5-high 1st row stacking  S-high 1st row stacking  3B6 load moment Indicator with monochrome display  X  High speed hoist system - below 10 tons  Hydraulic system temperature protection  Container weighing system SOLAS compliant  HANDLING  TIL Spreader with rotation (CH models)  X  4 lifting eyes located on end beam corners  4 lifting eyes located under centre beam of spreader  Container guides - located outside near twistlocks  Rotation stops with override  VISIBILITY  STD  OPT  External wide angle mirrors mounted on rear of front fenders  X  External wide angle mirrors mounted on top of front fenders  X  LED work lights  High Performance LED work lights  LED work lights  LED work lights  X  LED stop/tail/brake lights  Turn signals, hazard & marker lights (LED)  SUPPLEMENTAL  Literature package  Operator's manual  Warranty: 12 months / 2,000 hours manufacturer's warranty  X  VISIBILITY  STD  OPT  STD  OPT  AV  AV  AV  AV  AV  AV  AV  AV  AV  A			
Premium Slick radial Tyres  18.00-25 40PR drive and steer Tyres  LIFT  STD OPT On-demand load sensing hydraulic system  Automatic throttle-up when lifting (in neutral or inching)  2-stage boom for 5-high 1st row stacking  6-high 1st row stacking  3B6 load moment Indicator with monochrome display  3B6 load moment Indicator with color display  Kigh speed hoist system - below 10 tons  Hydraulic system temperature protection  Container weighing system SOLAS compliant  HANDLING  TIL Spreader with rotation (CH models)  Mechanical Pile Slope  X lifting eyes located on end beam corners  A lifting eyes located on end beam corners  A lifting eyes located under centre beam of spreader  Container guides - located outside near twistlocks  Rotation stops with override  VISIBILITY  STD OPT  External wide angle mirrors mounted on rear of front fenders  X Rear view camera system  Halogen work lights  LED work lights  LED work lights  LED work lights  LED stop/tail/brake lights  Turn signals, hazard & marker lights (LED)  SUPPLEMENTAL  Literature package  Operator's manual  Warranty: 12 months / 2,000 hours manufacturer's warranty  X  VA  VA  LITER  STD OPT  AV  AV  AV  AV  AV  AV  AV  AV  AV  A	.,,	^	
IB.00-25 40PR drive and steer Tyres  LIFT  STD OPT On-demand load sensing hydraulic system  Automatic throttle-up when lifting (in neutral or inching)  2-stage boom for 5-high 1st row stacking  6-high 1st row stacking  3B6 load moment Indicator with monochrome display  3B6 load moment Indicator with color display  Kigh speed hoist system - below 10 tons  Hydraulic system temperature protection  Container weighing system SOLAS compliant  HANDLING  TIL Spreader with rotation (CH models)  Mechanical Pile Slope  X  4 lifting eyes located on end beam corners  4 lifting eyes located under centre beam of spreader  Container guides - located outside near twistlocks  Rotation stops with override  VISIBILITY  STD OPT  External wide angle mirrors mounted on rear of front fenders  X  Rear view camera system  Halogen work lights  LED work lights  LED work lights  LED wistlock indicator lights  LED stop/tail/brake lights  Turn signals, hazard & marker lights (LED)  SUPPLEMENTAL  Literature package  Operator's manual  Warranty: 12 months / 2,000 hours manufacturer's warranty  X  DOPT  STD OPT  STD O			_
DIFT On-demand load sensing hydraulic system Automatic throttle-up when lifting (in neutral or inching) X 2-stage boom for 5-high 1st row stacking AB6 load moment Indicator with monochrome display XB6 load moment Indicator with color display XB7 XB7 XB7 XB7 XB8			_^
On-demand load sensing hydraulic system  Automatic throttle-up when lifting (in neutral or inching)  Z-stage boom for 5-high 1st row stacking  6-high 1st row stacking  3B6 load moment Indicator with monochrome display  3B6 load moment Indicator with color display  X  3B6 load moment Indicator with color display  X  High speed hoist system - below 10 tons  X  Hydraulic system temperature protection  Container weighing system SOLAS compliant  X  HANDLING  STD OPT  IIL Spreader with rotation (CH models)  X  Mechanical Pile Slope  X  4 lifting eyes located on end beam corners  X lifting eyes located under centre beam of spreader  Container guides - located outside near twistlocks  X  Rotation stops with override  X  VISIBILITY  STD OPT  External wide angle mirrors mounted on rear of front fenders  X  External wide angle mirrors mounted on top of front fenders  X  Rear view camera system  Allogen work lights  LED work lights  LED work lights  LED work lights  X  LED twistlock indicator lights  LED stop/tail/brake lights  Turn signals, hazard & marker lights (LED)  X  SUPPLEMENTAL  Literature package  Operator's manual  Warranty: 12 months / 2,000 hours manufacturer's warranty  X			ODT
Automatic throttle-up when lifting (in neutral or inching)  2-stage boom for 5-high 1st row stacking  6-high 1st row stacking  3B6 load moment Indicator with monochrome display  XB6 load moment Indicator with color display  XHigh speed hoist system - below 10 tons  XHydraulic system temperature protection  Container weighing system SOLAS compliant  XHANDLING  TIL Spreader with rotation (CH models)  XHechanical Pile Slope  XIII spreader with rotation (CH models)  XHotting eyes located on end beam corners  XIII spreader with rotation with color display  XIII spreader with rotation (CH models)  XHOTTIL Spreader with rotation (CH mode			OPT
2-stage boom for 5-high 1st row stacking  6-high 1st row stacking  X  3B6 load moment Indicator with monochrome display  X  3B6 load moment Indicator with color display  K  High speed hoist system - below 10 tons  Hydraulic system temperature protection  Container weighing system SOLAS compliant  X  HANDLING  TIL Spreader with rotation (CH models)  X  Mechanical Pile Slope  X  4 lifting eyes located on end beam corners  X lifting eyes located under centre beam of spreader  Container guides - located outside near twistlocks  Rotation stops with override  X  VISIBILITY  STD OP  External wide angle mirrors mounted on rear of front fenders  X  External wide angle mirrors mounted on top of front fenders  X  Rear view camera system  X  Halogen work lights  X  LED work lights  X  LED twistlock indicator lights  X  LED stop/tail/brake lights  Turn signals, hazard & marker lights (LED)  X  SUPPLEMENTAL  STD OP  Literature package  Operator's manual  X  Warranty: 12 months / 2,000 hours manufacturer's warranty  X			
6-high 1st row stacking  3B6 load moment Indicator with monochrome display  3B6 load moment Indicator with color display  X  High speed hoist system - below 10 tons  X  Hydraulic system temperature protection  Container weighing system SOLAS compliant  HANDLING  TIL Spreader with rotation (CH models)  Mechanical Pile Slope  X  4 lifting eyes located on end beam corners  X lifting eyes located under centre beam of spreader  Container guides - located outside near twistlocks  Rotation stops with override  X  VISIBILITY  STD OP  External wide angle mirrors mounted on rear of front fenders  X  External wide angle mirrors mounted on top of front fenders  X  Rear view camera system  X  Halogen work lights  LED work lights  X  LED twistlock indicator lights  X  LED stop/tail/brake lights  Turn signals, hazard & marker lights (LED)  X  SUPPLEMENTAL  STD OP  Literature package  Operator's manual  X  Warranty: 12 months / 2,000 hours manufacturer's warranty  X			
386 load moment Indicator with monochrome display 386 load moment Indicator with color display 386 load moment Indicator with color display 387  High speed hoist system - below 10 tons 387  Hydraulic system temperature protection 387  Container weighing system SOLAS compliant 388  HANDLING 370  TIL Spreader with rotation (CH models) 388  Mechanical Pile Slope 389  4 lifting eyes located on end beam corners 4 lifting eyes located under centre beam of spreader 380  Container guides - located outside near twistlocks 380  Rotation stops with override 380  X81  X81  X81  X81  X82  X84  X85  X85  X86  X87  X87  X87  X88  X88  X89  X89  X80  X80  X80  X80		X	
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Hydraulic system temperature protection  Container weighing system SOLAS compliant  HANDLING  TIL Spreader with rotation (CH models)  Mechanical Pile Slope  4 lifting eyes located on end beam corners  4 lifting eyes located under centre beam of spreader  Container guides - located outside near twistlocks  Rotation stops with override  X  VISIBILITY  STD OP  External wide angle mirrors mounted on rear of front fenders  X  External wide angle mirrors mounted on top of front fenders  X  Rear view camera system  Halogen work lights  LED work lights  X  LED twistlock indicator lights  X  LED stop/tail/brake lights  Turn signals, hazard & marker lights (LED)  X  SUPPLEMENTAL  Literature package  Operator's manual  X  Warranty: 12 months / 2,000 hours manufacturer's warranty  X  DOP	. ,		
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HANDLING       STD       OPT         TIL Spreader with rotation (CH models)       X         Mechanical Pile Slope       X         4 lifting eyes located on end beam corners       X         4 lifting eyes located under centre beam of spreader       X         Container guides - located outside near twistlocks       X         Rotation stops with override       X         VISIBILITY       STD       OPT         External wide angle mirrors mounted on rear of front fenders       X         External wide angle mirrors mounted on top of front fenders       X         Rear view camera system       X         Halogen work lights       X         LED work lights       X         LED twistlock indicator lights       X         LED stop/tail/brake lights       X         Turn signals, hazard & marker lights (LED)       X         SUPPLEMENTAL       STD       OPT         Literature package       X         Operator's manual       X         Warranty: 12 months / 2,000 hours manufacturer's warranty       X			
TIL Spreader with rotation (CH models)  Mechanical Pile Slope  4 lifting eyes located on end beam corners  4 lifting eyes located under centre beam of spreader  Container guides - located outside near twistlocks  Rotation stops with override  X VISIBILITY  STD OPT  External wide angle mirrors mounted on rear of front fenders  X External wide angle mirrors mounted on top of front fenders  X External wide angle mirrors mounted on top of front fenders  X Halogen work lights  X LED work lights  X LED twistlock indicator lights  X LED stop/tail/brake lights  Turn signals, hazard & marker lights (LED)  X SUPPLEMENTAL  Literature package  Operator's manual  X Warranty: 12 months / 2,000 hours manufacturer's warranty  X			
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Container guides - located outside near twistlocks  Rotation stops with override  VISIBILITY  STD OPT  External wide angle mirrors mounted on rear of front fenders  X  External wide angle mirrors mounted on top of front fenders  X  Rear view camera system  X  Halogen work lights  LED work lights  X  LED work lights  X  LED wistlock indicator lights  X  LED twistlock indicator lights  X  LED stop/tail/brake lights  Turn signals, hazard & marker lights (LED)  X  SUPPLEMENTAL  STD OPT  Literature package  Operator's manual  X  Warranty: 12 months / 2,000 hours manufacturer's warranty  X	4 lifting eyes located on end beam corners	Χ	
Rotation stops with override X  VISIBILITY STD OPT  External wide angle mirrors mounted on rear of front fenders X  External wide angle mirrors mounted on top of front fenders X  Rear view camera system X  Halogen work lights X  LED work lights X  LED work lights X  LED twistlock indicator lights X  LED twistlock indicator lights X  LED stop/tail/brake lights X  Turn signals, hazard & marker lights (LED) X  SUPPLEMENTAL STD OPT  Literature package X  Operator's manual X  Warranty: 12 months / 2,000 hours manufacturer's warranty X	4 lifting eyes located under centre beam of spreader		Χ
VISIBILITY       STD       OPT         External wide angle mirrors mounted on rear of front fenders       X         External wide angle mirrors mounted on top of front fenders       X         Rear view camera system       X         Halogen work lights       X         LED work lights       X         Lied by the performance LED work lights       X         LED twistlock indicator lights       X         LED stop/tail/brake lights       X         Turn signals, hazard & marker lights (LED)       X         SUPPLEMENTAL       STD       OPT         Literature package       X         Operator's manual       X         Warranty: 12 months / 2,000 hours manufacturer's warranty       X	Container guides - located outside near twistlocks		Χ
External wide angle mirrors mounted on rear of front fenders  X  External wide angle mirrors mounted on top of front fenders  X  Rear view camera system  X  Halogen work lights  LED work lights  X  High Performance LED work lights  X  LED twistlock indicator lights  X  LED stop/tail/brake lights  X  Turn signals, hazard & marker lights (LED)  X  SUPPLEMENTAL  STD OPT  Literature package  Operator's manual  X  Warranty: 12 months / 2,000 hours manufacturer's warranty  X	Rotation stops with override	Χ	
External wide angle mirrors mounted on top of front fenders  Rear view camera system  X  Halogen work lights  LED work lights  X  High Performance LED work lights  X  LED twistlock indicator lights  X  LED stop/tail/brake lights  X  Turn signals, hazard & marker lights (LED)  X  SUPPLEMENTAL  STD OPT  Literature package  Operator's manual  X  Warranty: 12 months / 2,000 hours manufacturer's warranty  X	VISIBILITY	STD	OPT
Rear view camera system X Halogen work lights X LED work lights X High Performance LED work lights X LED twistlock indicator lights X LED stop/tail/brake lights X Turn signals, hazard & marker lights (LED) X SUPPLEMENTAL STD OPT Literature package X Operator's manual X Warranty: 12 months / 2,000 hours manufacturer's warranty X	External wide angle mirrors mounted on rear of front fenders	Х	
Halogen work lights X  LED work lights X  High Performance LED work lights X  LED twistlock indicator lights X  LED stop/tail/brake lights X  Turn signals, hazard & marker lights (LED) X  SUPPLEMENTAL STD OPT  Literature package X  Operator's manual X  Warranty: 12 months / 2,000 hours manufacturer's warranty X	External wide angle mirrors mounted on top of front fenders	Х	
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High Performance LED work lights X LED twistlock indicator lights X LED stop/tail/brake lights X Turn signals, hazard & marker lights (LED) X SUPPLEMENTAL STD OPT Literature package X Operator's manual X Warranty: 12 months / 2,000 hours manufacturer's warranty X	Halogen work lights	Χ	
LED twistlock indicator lights X LED stop/tail/brake lights X Turn signals, hazard & marker lights (LED) X SUPPLEMENTAL STD OPT Literature package X Operator's manual X Warranty: 12 months / 2,000 hours manufacturer's warranty X	LED work lights		Х
LED stop/tail/brake lights X Turn signals, hazard & marker lights (LED) X  SUPPLEMENTAL STD OPT Literature package X Operator's manual X Warranty: 12 months / 2,000 hours manufacturer's warranty X	High Performance LED work lights		Х
Turn signals, hazard & marker lights (LED) X  SUPPLEMENTAL STD OPT  Literature package X  Operator's manual X  Warranty: 12 months / 2,000 hours manufacturer's warranty X	LED twistlock indicator lights	Х	
SUPPLEMENTAL     STD     OPT       Literature package     X       Operator's manual     X       Warranty: 12 months / 2,000 hours manufacturer's warranty     X	LED stop/tail/brake lights	Χ	
Literature package X Operator's manual X Warranty: 12 months / 2,000 hours manufacturer's warranty X	Turn signals, hazard & marker lights (LED)	Х	
Literature package X Operator's manual X Warranty: 12 months / 2,000 hours manufacturer's warranty X	SUPPLEMENTAL	STD	OPT
Operator's manual X Warranty: 12 months / 2,000 hours manufacturer's warranty X	Literature package	Х	
	Operator's manual	Х	
	Warranty: 12 months / 2,000 hours manufacturer's warranty	Х	
	CE C VC V		Χ

APPEARANCE	STD	OPT
Hyster yellow paint base truck and spreader	Х	
Special paint base truck and spreader		Χ
ERGONOMICS	STD	OPT
Powered partial-sliddigcabin, including additional mirrors on topof fenders	Χ	
Powered full-sliding cabin, including additional steps and handrails		Χ
Isolated mounting for low noise and vibration	Χ	
Coat hook	Χ	
Front, top and rear wipers	Χ	
Front and rear window defrosters	Χ	
Left side handrails, stairway and cabin door	Χ	
RH side door	Х	
Right side handrails and stairway	Х	
Stair lights		Х
Multifunction display panel	X	
Seat-side joystick hydraulic control	X	
Steering wheel spinner knob	X	
Directional control lever	X	
Interior wide angle mirrors	X	
Telescoping & tilting steering column	X	
Recirculation fan	Х	V
DC/DC converter 24 volt/12 volt with socket		X
2nd 12 volt socket		X
Accessory mounting post		X
Rear locking console in cab		
Heated top window		X
"H"-pattern front wiper	Х	
Air conditioning Sup shades on top and rear	X	
Sun shades on top and rear Radio preparation set-up (wiring, two speakers and antenna)	^	Х
Reading light		X
Operator presence system	X	^
Mechanical suspension seat		Х
Air suspension seat	Х	
Low backrest	X	
High backrest		Х
Cloth seat cover	Х	
Vinyl seat cover		Х
Seat heating Seat heating		Х
2-point high visibility seatbelt	Χ	
3-point high visibility seatbelt		Х
OPERATION	STD	OPT
Electric air horn 112 dB	Χ	
Visible alarm – Amber strobe light, key switch activated	Χ	
Audible alarm – reverse direction activated 82–102 dB(A), self-adjusting	ιX	
Forward motion alarm		Χ
Seatbelt interlock for engine start		Χ
Seatbelt indicator light on top of cab		Χ
Tyre pressure monitoring system		Χ
Lockable battery disconnect switch	Χ	
Battery jump start connection (NATO plug)		Х
Adjustable automatic "empty seat" engine shutdown	Χ	
Trainer seat		Χ
Non-locking fuel cap		Χ
Lockable fuel cap	Χ	
Hyster Tracker wireless asset management - monitoring		Х
Hyster Tracker wireless asset management - access / verification		Х
Auto greasing system for basic truck & outer boom		Χ
Auto greasing system for inner boom and spreader		Х
24 volt electrical system	Х	
Engine block heater 220 volt		Х
Steer wheel lug nut protection		X
Engine compartment light		Χ

# STRONG PARTNERS. TOUGH TRUCKS™

FOR DEMANDING OPERATIONS, EVERYWHERE

#### **About Hyster**

Hyster\* supplies a complete range of warehousing equipment, IC and electric counterbalanced trucks, container handlers and reach stackers. Their network of highly trained dealers provides expert, responsive local support by way of cost-effective finance packages and effectively managed maintenance programs to ensure that the customer gets the best possible value for money. Their aim is to offer a complete partnership capable of responding to the full spectrum of material handling needs whether professional consultancy on fleet management, fully qualified service support, or reliable parts supply.

#### About TIL

TIL Limited - a leading provider of infrastructure equipment in India since 1944 – has an exclusive partnership with Hyster-Yale Group, Inc. for marketing a comprehensive range of high capacity forklift trucks, empty & laden container handlers and reach stackers to customers in India, Nepal and Bhutan, duly supported by an integrated after-sales support. The partnership between Hyster and TIL represents the synergy between two leading companies with complementary strategic visions and product technologies, reinforced by a shared commitment to enhance customer profitability.



### **Cutting Edge Technology**

TIL's state-of-the-art manufacturing facilities located in Kamarhatty and Kharagpur, West Bengal, include fully equipped machine shops, fabrication and assembly shops, finishing bays and test beds. The research & development center has the latest CAD / CAM facilities and engineering software. The modern structural fabrication shop is equipped with automatic machines and the processes conform to ISO 3834, AWS D14.3 & others. At TIL, quality is engineered to predetermined process parameters. TIL is committed to setting higher & higher benchmarks in product quality. This commitment is reflected in the ISO 9001 Certification from Bureau Veritas Quality International.

#### 24X7 Service. Anytime, Anywhere.

The 24X7 product support service offered by TIL – right from the installation and commissioning of equipment to the maintenance, repair works and training of operators for the efficient functioning of equipment – helps the customer to reduce equipment downtime and enhance productivity.

The HYSTER TIL ReachStacker has become a preferred choice of customers by virtue of its exemplary uptime, superior handling speed, outstanding maneuverability and unrestricted stacking capabilities.

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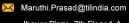
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