C140-180

IC- PNEUMATIC DIESEL
14000/16000/18000kg at 600mm L/c
30865/35274/39683lb at 23in L/c

CLARK®

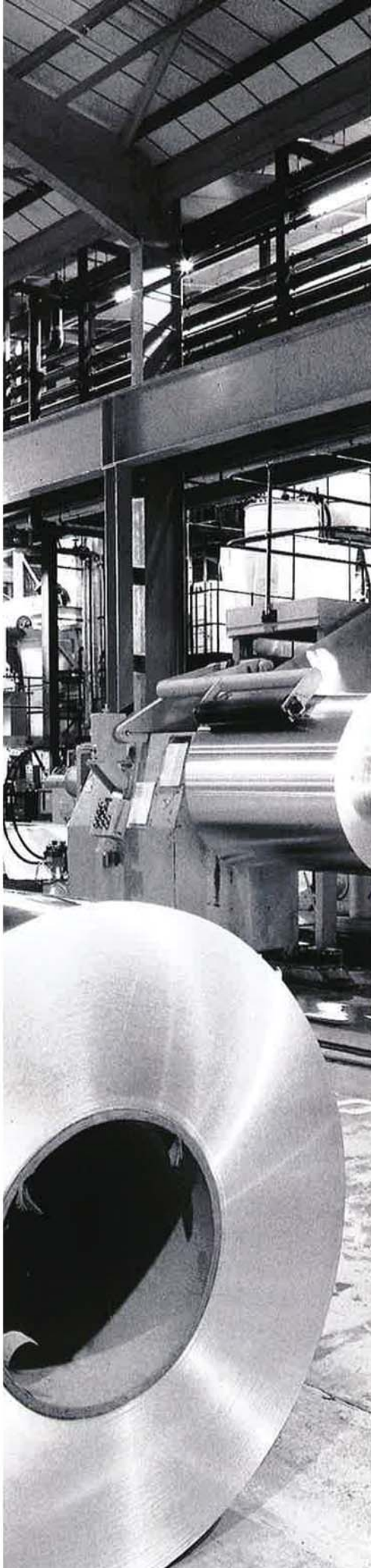
Highly Maneuverable, Easily Serviceable, Broadly Flexible, Extremely Dependable

With the combination of a fully automatic 3-speed transmission, wet disc brakes and rugged chassis design, the C140-160 provides the exceptional performance, versatility and durability in its class that you've come to expect from Clark.

UPTO 18 metric tons

Tilting Cabin | Oil Cooled Wet Disc Brakes |
Finger Tip Control | Tinted Safety Glass |
Single Steer Cylinder | Rigid Drag Links

Maximum Visibility + Minimum Fatigue =
Ultimate Safety & Product Integrity



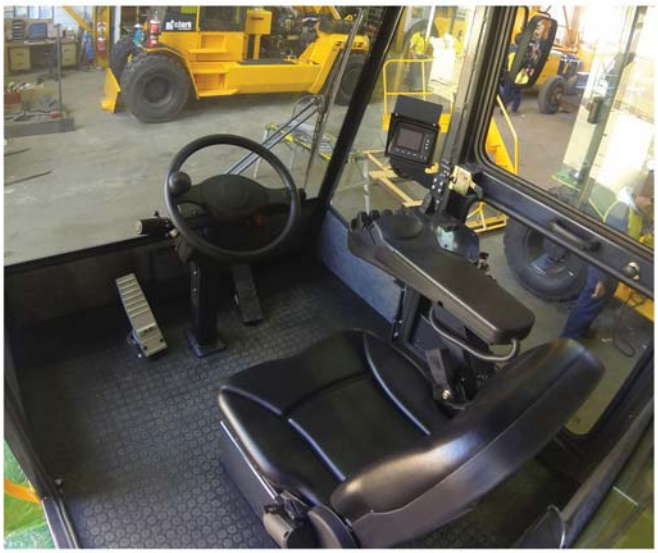
16-6 STANDARD FEATURES AND BENEFITS

SERVICE ACCESSIBILITY

- **Tilting Cab**
- **No Tools Required To Lift The Bonnet**
- **Side Panels Removable or Lift with Gas Struts**
- **Electronics Located in External Lockable Box Sealed from Weather**

OPERATOR FRIENDLY CAB

- **Class leading design**
  - Generous interior space
  - Ergonomic layout with high level of sound dampening
- **Fingertip Controls**
  - Accurate and smooth operation of;
    - Mast tilt
    - Side-shift
    - Fork positioning (optional extra)
- **Deluxe Seat**
  - Reduce operator fatigue
- **Drop tested for safe work environment**



ENGINE & TRANSMISSION

- **Cummins QSB4.5 Engine**
  - Powerful 119kw (160hp)
  - Low c02 emissions and fuel efficient
- **ZF 3GW Transmission**
  - 3 speed automatic
  - Electronically controlled with forward and reverse protection
  - Heavy duty & reliable

CABIN SAFETY

- **Hydraulic Tilt With Safety Lock**
  - Safe maintenance access
  - Minimise service downtime
- **Drop Tested To Withstand Impact**
  - Safe operator environment
- **3 Point Access Handrails**
  - Left-hand door with positive lock
  - Right-hand emergency exit

CORE APPLICATIONS

- **Heavy Industry**
- **Transport & Logistics**
- **Timber, Concrete & Metal Yards**
- **Steel Slab & Coil Handling**
- **Ports & Container Handling**
- **Mining**

SIMPLE DAILY CHECKS

- **Sight Glass**
  - Allows visual checks on hydraulic oil and radiator fluid levels
- **Easy Access To Engine Oil Dipstick And Filter**
- **Engine Hood Lifted Without Tools**
  - Easy access to major components

ADVANCED ELECTRICAL & DATA SYSTEMS

- **Omega Data Monitoring System**
  - Records management information (lifts, hours etc.)
  - Machine status and functions (engine, transmission, temperatures and pressures etc.)
- **Canbus System**
  - Networks all systems via 2 wires allowing simplicity in wiring and fault diagnosis

Over 102 countries.

Represented by 350 dealers.
At over 500 Locations

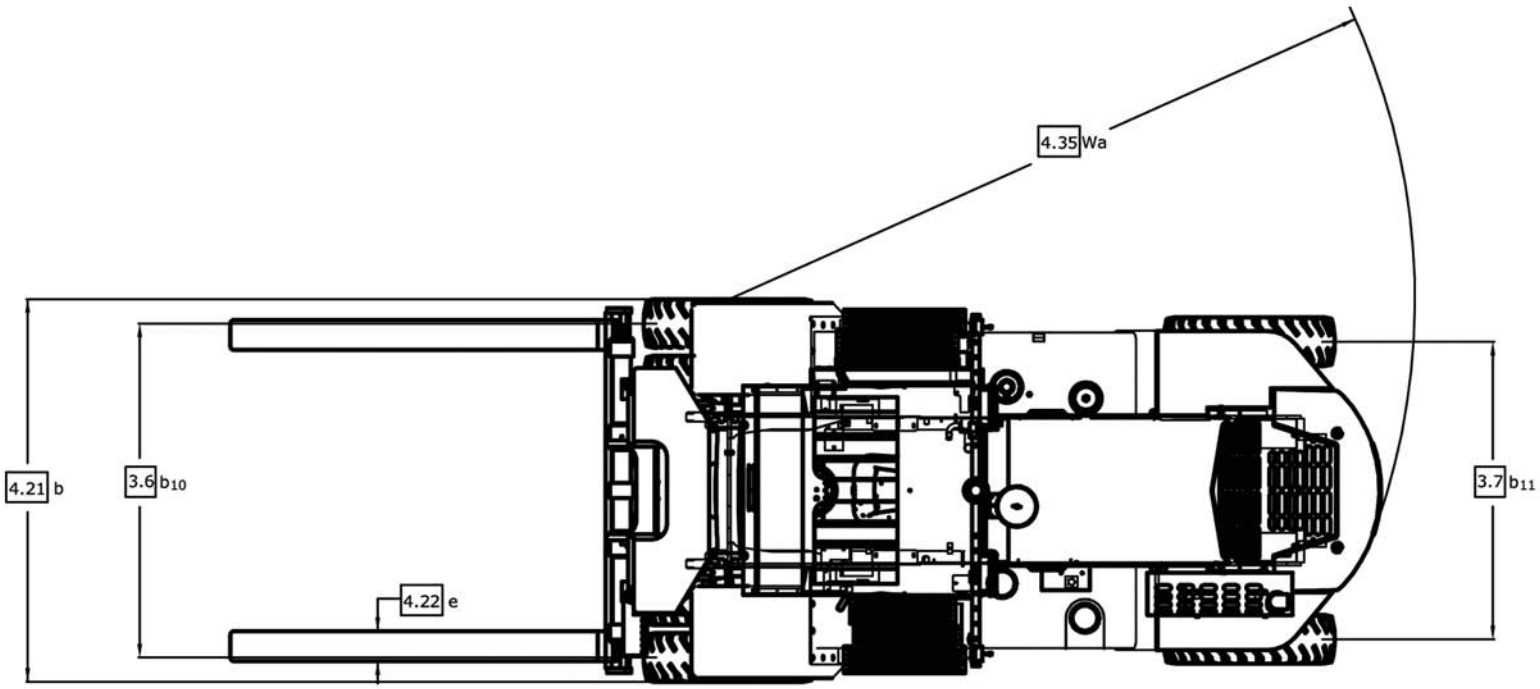
Best Choice for:
- Total cost of ownership
- Maintenance costs
- Value for money
- Value retention
- Purchase price

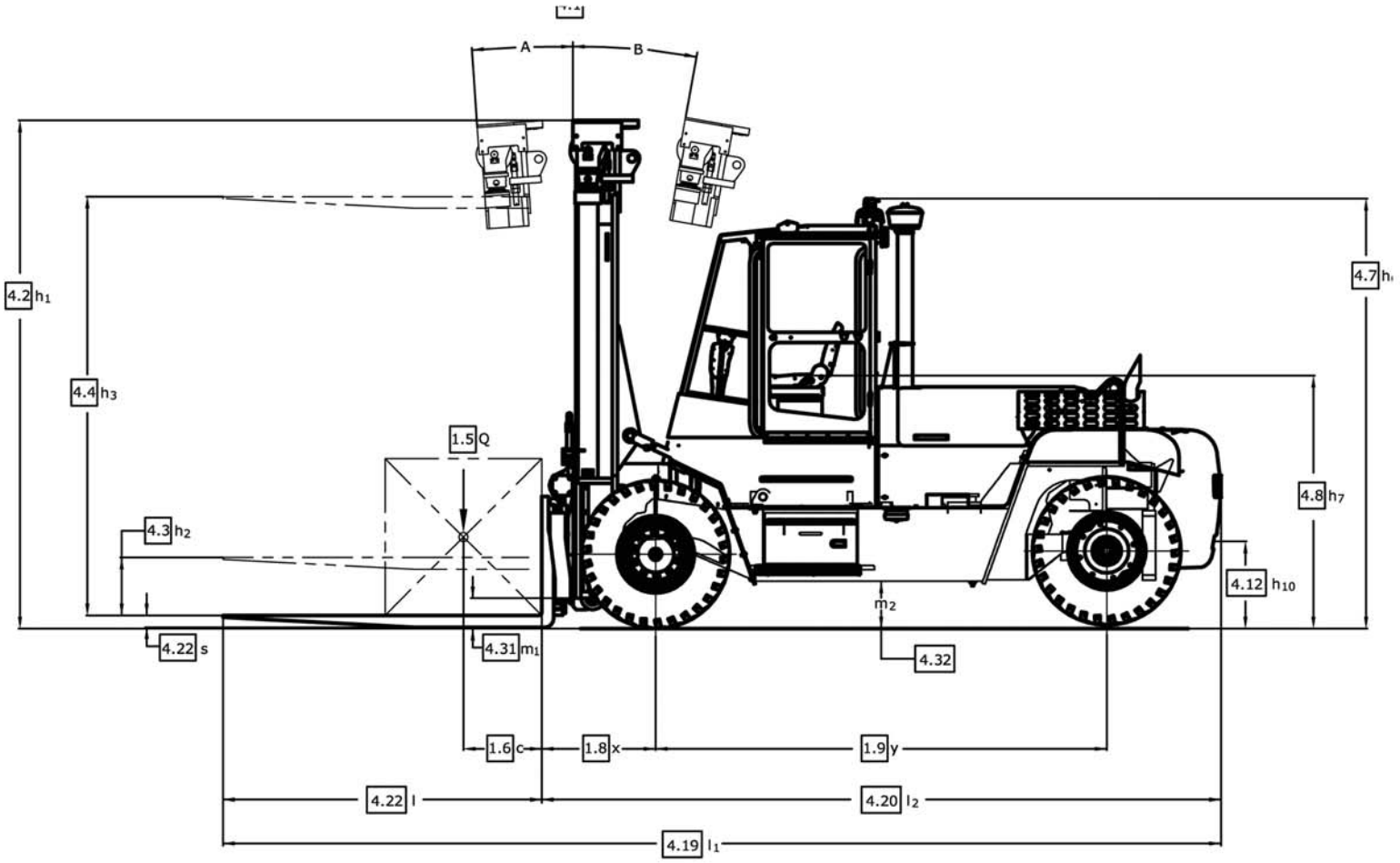
And dont forget ...

You brought the original ...
Keep it that way ...

We are focusing on providing excellent off-the-shelf availability of genuine Clark, quality parts, quick response time and competitive pricing

Dimensions





Refer to specifications table for full dimensions

Specifications

	1.1 Manufacturer (Short name)		Clark	Clark	Clark
Specifications	1.2 Model		14-6	16-6	12-12N
	1.3 Type of drive		Diesel	Diesel	Diesel
	1.4 Operation type		Seat	Seat	Seat
	1.5 Load capacity/rated load	Q (kg)	14000	16000	12000
	1.6 Load centre distance	c (mm)	600	600	1200
	1.8 Load centre distance, center of drive axle to fork face	x (mm)	870	870	870
	1.9 Wheel base	y (mm)	2921	3450	3450
Weight	2.1 Service weight	kg	19641	20310	20310
	2.2 Axle loading, laden front/rear	kg	31293/2348	33491/2819	29862/2448
	2.3 Axle loading, unladen front/rear	kg	10201/9440	10628/9682	10628/9682
Chassis	3.1 Tyre type		Pneumatic	Pneumatic	Pneumatic
	3.2 Tyre size, front		1200x20/28PR	1200x20/28PR	1200x20/28PR
	3.3 Tyre size rear		1200x20/28PR	1200x20/28PR	1200x20/28PR
	3.5 Wheels, number front/rear		4/2	4/2	4/2
	3.6 Tread, front	mm	2240	2240	2240
	3.7 Tread, rear	mm	1912	1912	1912
Basic Dimensions	4.1 Tilt of upright/fork carriage	Grad	4/10	4/10	4/10
	4.2 Height, upright lowered	mm	3892	3892	3892
	4.3 Freelift	mm	Nil	Nil	Nil
	4.4 Lift height	mm	3658	3658	3658
	4.5 Height, upright extended	mm	5721	5721	5721
	4.7 Height overheadguard (Cabin)	mm	3340	3340	3340
	4.8 Seat height	mm	1850	1850	1850
	4.12 Coupling height	mm	560	560	560
	4.19 Overall length with 2440mm Forks	mm	7106	7639	7639
	4.20 Length to face of forks	mm	4666	5199	5199
	4.21 Width	mm	2570	2570	2570
	4.22 Fork dimensions	mm	90 x 200 x 2440	90 x 200 x 2440	90 x 200 x 2440
	4.23 Fork carriage		Hook type	Hook type	Hook type
	4.24 Fork carriage width	mm	2424	2424	2424
	4.31 Ground clearance minimum	mm	233	233	233
	4.32 Gound clearance centre of wheelbase	mm	290	290	290
	4.33 Aisle width for pallets 2400 x 2400mm	mm	8140	8210	8210
	4.35 Turning radius	mm	4370	4940	4940
	4.36 Internal turning radius	mm	NA	NA	NA
Performance	5.1 Travel speed lade/unladen	km/h	25/25	25/25	25/25
	5.2 Lift speed laden/unladen	m/s	0.38/0.43	0.38/0.43	0.38/0.43
	5.3 Lowering speed laden/unladen	m/s	0.4/0.4	0.4/0.4	0.4/0.4
	5.5 Drawbar pull laden	N			
	5.6 Max drawbar pull laden	kN	118	117.5	118.5
	5.7 Gradeability laden at 1km/hr	%	31	30.6	32
	5.8 Max gradeability laden	%	33	32	34
	5.2 Service break		Wet Disc Brake Driven	Wet Disc Brake Driven	Wet Disc Brake Driven
Drive	7.1 Manufacturer/type		Cummins QSB4.5-160	Cummins QSB4.5-160	Cummins QSB4.5-160
	7.2 Rated output acc.DIN	kW	119	119	119
	7.3 Rated speed acc. DIN	min-1	2500	2500	2500
	7.4 No. of cylinders/displacement	cm3	4/4500	4/4500	4/4500
	7.5 Fuel consumption acc. VDI-Cyclus		NA	NA	NA
Other	8.1 Type of control				
	8.2 Operating pressure for attachments	bar	207	207	207
	8.3 Oil volume for attachments	i/min			
	8.4 Sound level, drivers ear	dB(a)	80	80	80
	8.5 Towing coupling, class/type DIN		NA	NA	NA

	1.1 Manufacturer (Short name)		Clark	Clark
Specifications	1.2 Model		16-12N	18-9N
	1.3 Type of drive		Diesel	Diesel
	1.4 Operation type		Seat	Seat
	1.5 Load capacity/rated load	Q (kg)	16000	18000
	1.6 Load centre distance	c (mm)	1200	900
	1.8 Load centre distance, center of drive axle to fork face	x (mm)	880	880
	1.9 Wheel base	y (mm)	4000	4000
Weight	2.1 Service weight	kg	22690	22690
	2.2 Axle loading, laden front/rear	kg	35910 / 2780	37600 / 3090
	2.3 Axle loading, unladen front/rear	kg	11600 / 11090	11600 / 11090
Chassis	3.1 Tyre type		Pneumatic	Pneumatic
	3.2 Tyre size, front		1200x20/28PR	1200x20/28PR
	3.3 Tyre size rear		1200x20/28PR	1200x20/28PR
	3.5 Wheels, number front/rear		4/2	4/2
	3.6 Tread, front	mm	2248	2248
	3.7 Tread, rear	mm	1912	1912
Basic Dimensions	4.1 Tilt of upright/fork carriage	Grad	4/10	4/10
	4.2 Height, upright lowered	mm	4112	4112
	4.3 Freelift	mm	Nil	Nil
	4.4 Lift height	mm	3658	3658
	4.5 Height, upright extended	mm	5941	5941
	4.7 Height overheadguard (Cabin)	mm	3340	3340
	4.8 Seat height	mm	1850	1850
	4.12 Coupling height	mm	560	560
	4.19 Overall length with 2440mm Forks	mm	8195	8195
	4.20 Length to face of forks	mm	5755	5755
	4.21 Width	mm	2580	2580
	4.22 Fork dimensions	mm	100 x 200 x 2440	100 x 200 x 2440
	4.23 Fork carriage		Hook type	Hook type
	4.24 Fork carriage width	mm	2424	2424
	4.31 Ground clearance minimum	mm	233	233
	4.32 Gound clearance centre of wheelbase	mm	290	290
	4.33 Aisle width for pallets 2400 x 2400mm	mm	8930	8930
	4.35 Turning radius	mm	5650	5650
	4.36 Internal turning radius	mm	NA	NA
Performance	5.1 Travel speed lade/unladen	km/h	25/25	25/25
	5.2 Lift speed laden/unladen	m/s	0.34 / 0.44	0.34 / 0.44
	5.3 Lowering speed laden/unladen	m/s	0.54 / 0.57	0.54 / 0.57
	5.5 Drawbar pull laden	N		
	5.6 Max drawbar pull laden	kN	123	121.5
	5.7 Gradeability laden at 1km/hr	%	30	28.5
	5.8 Max gradeability laden	%	32	30.8
	5.2 Service break		Wet Disc Brake Driven	Wet Disc Brake Driven
Drive	7.1 Manufacturer/type		Cummins QSB6.7-160	Cummins QSB6.7-160
	7.2 Rated output acc.DIN	kW	119	119
	7.3 Rated speed acc. DIN	min-1	2500	2500
	7.4 No. of cylinders/displacement	cm3	6/6700	6/6700
	7.5 Fuel consumption acc. VDI-Cyclus		NA	NA
Other	8.1 Type of control			
	8.2 Operating pressure for attachments	bar	207	207
	8.3 Oil volume for attachments	i/min		
	8.4 Sound level, drivers ear	dB(a)	80	80
	8.5 Towing coupling, class/type DIN		NA	NA

BUILT TO LAST.

CLARK INTERNATIONAL SOUTH PACIFIC
P: 02 9477 8444 F: 02 9476 6558
clark@clarkequipment.com
www.clarkequipment.com