DT TRAILER 80



DT TRAILER 25

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STANDARD EQUIPMENT

- Double telescopic extension booms
- Rear oriented boom position
- High torque drive system
- Auto levelling basket
- Hydraulic outriggers
- Outrigger interlocks
- Easy to access batteries
- Dual power sources - diesel engine and 110/220VAC electric / lithium available
- Fully electronic proportional hydraulic controls driven by can-bus system
- 110/220V Power supply to the basket
- Electronic controlled level alarm/sensor
- Hitch pull bar
- Hour meter
- 2 people basket (140x70x110 cm / 55x27x43 in)
- All function radio control
- Telescopic boom painting: blue RAL 9010 - white RAL 9010
- Cylinders, turret and pistons painting: white RAL 9010
- Automatic stabilization (optional)
- Remote management and diagnostic software (optional)

OPTIONS & ACCESSORIES

- Anti debris brushes on booms
- Small personnel basket (70x70x110 cm or 27x27x43 in)
- Large personnel basket (180x70x110 cm or 70x27x43 in)
- Fiberglass basket (optional 1 kV insulation)
- Hoist hook (max 260 kg or 573 lbs)
- Radio controlled winch (max 230 kg or 507 lbs)
- Material handling cage (max 200 kg or 441 lbs)
- Security belts
- Illuminated outrigger indicators
- One click auto-closing switch
- Dead man pedal in the basket
- Air/water connection line between basket and turret, max pressure 100bar
- Ultrasonic anti collision alarm for basket protection
- Remote management and diagnostic software
- N.4 ground use plates for stabilization
- Custom paint options available (upper and lower sections)
- Custimized stickers with customer logo
- Up to 5 years extended warranty

STANDARD TRAILER FEATURES

- Hydraulic drive controlled by remote control
- Stabilization controlled by remote control
- Low center of gravity that allows for highly safe drivability
- Single jockey wheels
- Hydraulic brakes
- Foldable cyclist protection bar
- Side marker lights
- Removable light bar

UNIQUE

- Unbeaten working envelope
- Unmatchable ultra wide negative working envelope
- Highest up & over in the Industry
- Very low centre of gravity, impressive drivability

STANDARD COMPLIANCE

- ANSI 92.20
- UNI EN 280
- CSA B354.6
- CE
- Crane certification (EN 12999 standard certified)







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PERFORMANCE

	metric	US
Working height	25 m	82 ft
Platform height	23 m	75 ft 5 in
Horizontal outreach	12 m	39 ft 4 in
Up and over clearance	14 m	45 ft 11 in
Negative work (below ground level)	-5 m	-16 ft 5 in
Lift capacity - standard (ANSI - CSA - CE - AUS)	230 kg	507 lbs
Lift capacity - rotating platform (ANSI - CSA - CE - AUS)	230 kg	507 lbs
Self leveling platform	5°standard	5°standard
Platform rotation	180°	180°
AC power to platform	standard	standard
Turntable rotation	720°	720°
Outrigger leveling capability	≃ 5°	≃ 5°
Gradeability	10°/13°	49%
To be jacked up on ground slope max	12°	12°
Slope angle	11°	11°
Drive speed	1,12 km/h	0,70 mph
Towing speed rate	97 km/h	60 mph
Tongue weight	140 kg	309 lbs
Surge parking & brakes	standard	standard
Controls	electronic multifunction highly proportional controls	
Tyre size	215/75 R17,5	215/75 R17,5
Coupler	5 cm	2 in
Live load/Max pressure in travelling position	4,3 kN/m2	90 lbs/ft2
Live load/Max pressure in working position	2,5 kN/m2	52,2 lbs/ft2
Point load per outrigger plate	22 max Kn	4946 lbs
Size of outrigger plate	200 mm	8 in

MEASUREMENTS

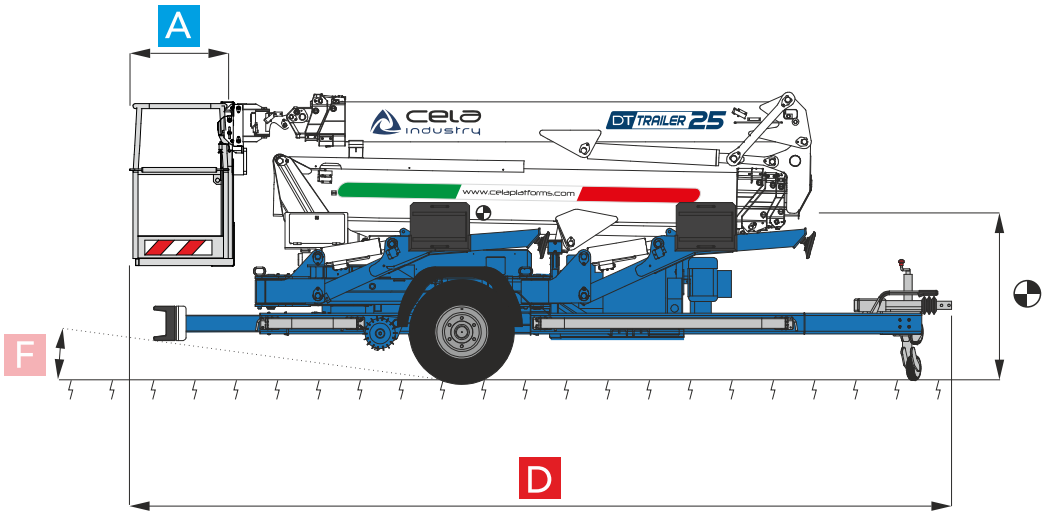
		metric	US
⊕	Center of gravity	1,1 m	3 ft 7 in
A	Platform lenght	0,7 m	2 ft 4 in
B	Platform width	1,4 m	4 ft 7 in
C	Height - stowed	2,085 m	6 ft 10 in
D	Length - stowed	5,925 m	19 ft 6 in
E	Width - stowed "(lightbar is demountable)"	1,85 m	6 ft 1 in
F	Departure angle	8°	15%
G_1	Length - outrigger footprint narrow	3,650 m	12 ft
G	Length - outrigger footprint wide	4,815 m	15 ft 10 in
H_1	Width - outrigger footprint narrow	2,470 m	8 ft 1 in
H	Width - outrigger footprint wide	3,600 m	11 ft 10 in

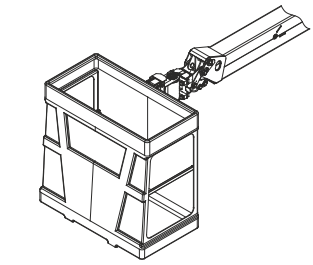
POWER

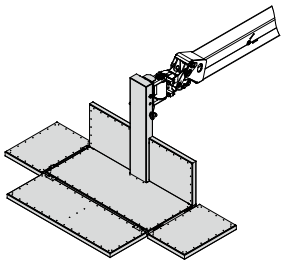
	metric	US
Multifunction proportional hydraulic flow-sharing distributor		
Power source drive - standard	diesel and electric	diesel and electric
Power source - option	lithium	lithium
Fuel tank capacity	15 lt	3,9 gals
Hydraulic tank capacity	120 lt	31,7 gals
Hydraulic system capacity	150 lt	40 gals
Sound pressure level (diesel)	< 96 dBA	< 96 dBA
Sound pressure level (electric)	< 56 dBa * internally tested	< 56 dBa * internally tested

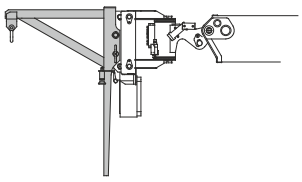
WEIGHT

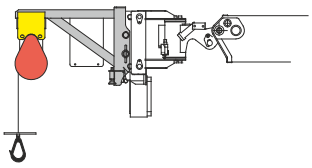
	metric	US
Weight	3000 kg	6613 lbs

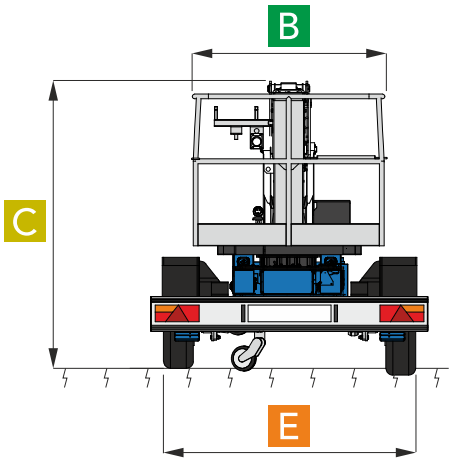

A
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D

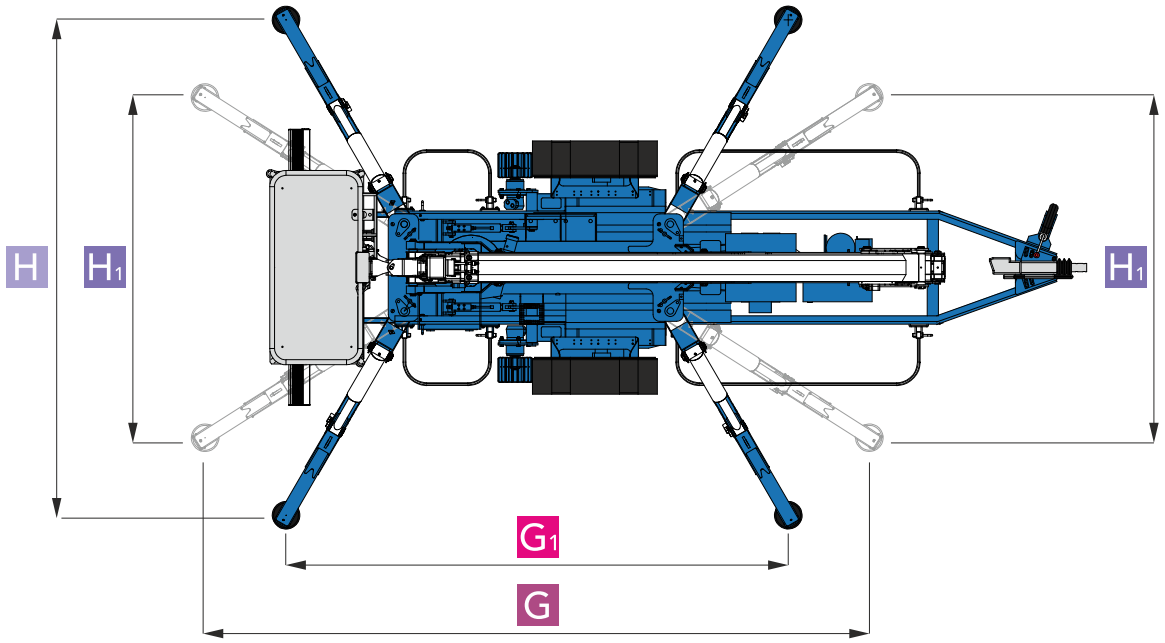




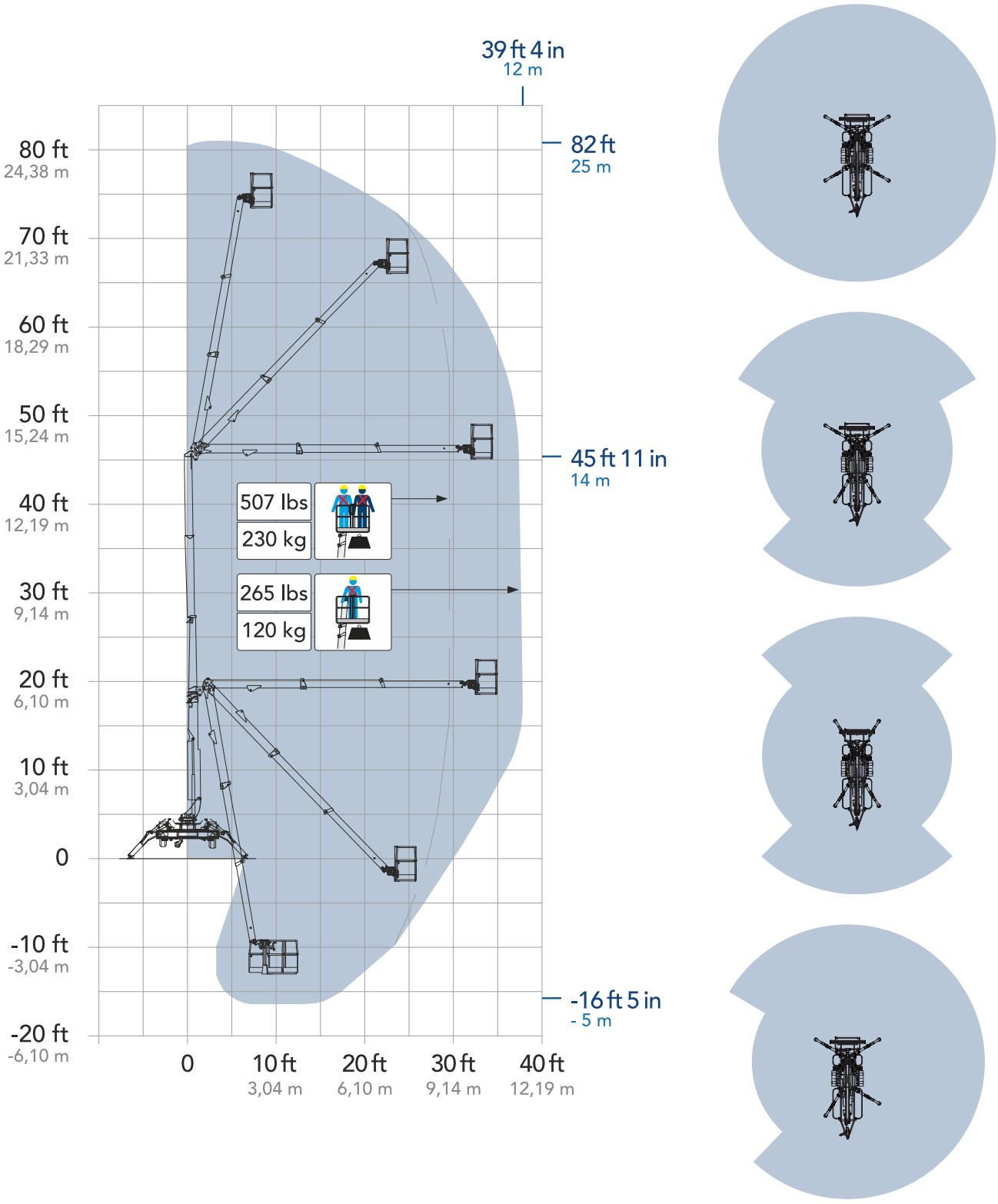




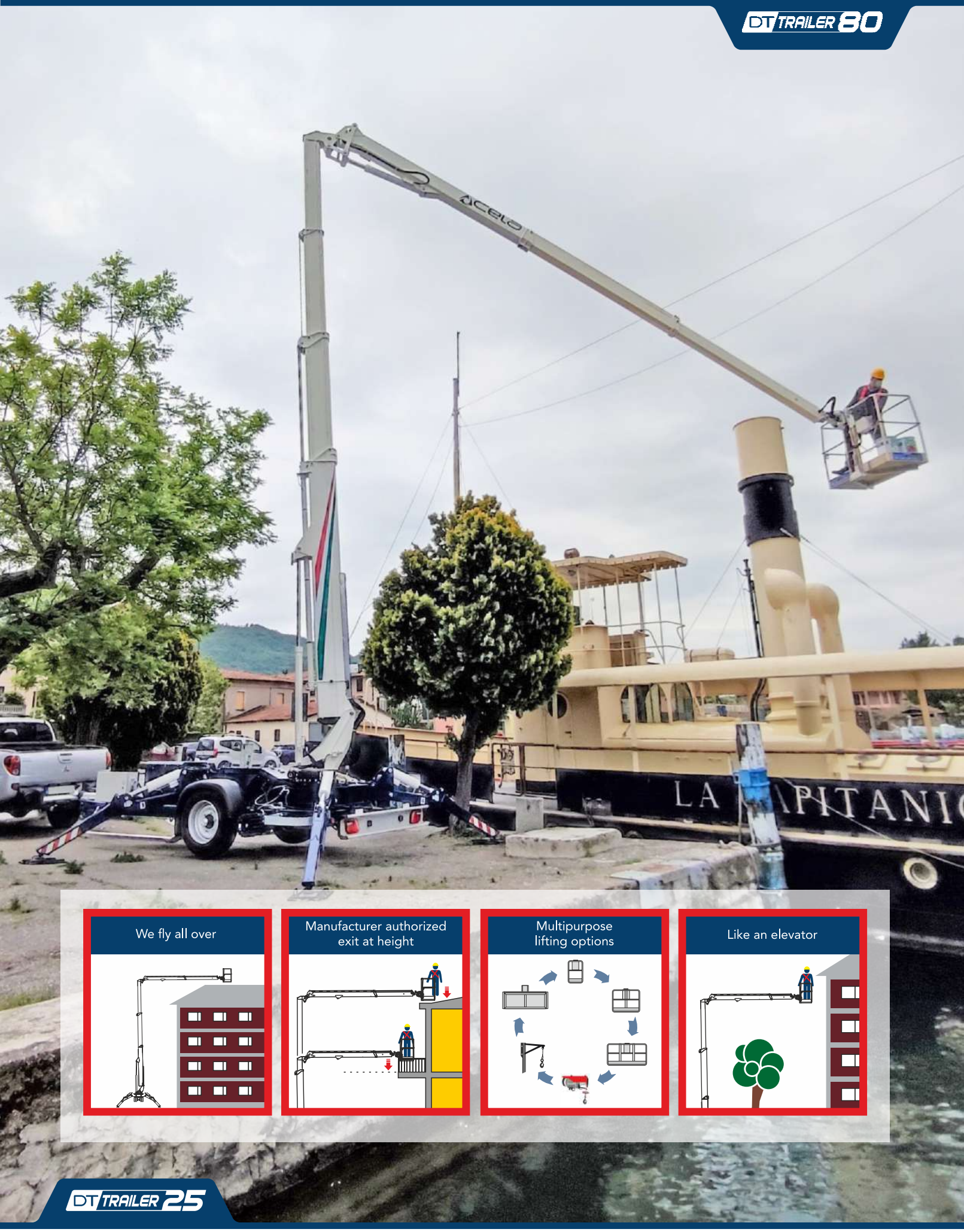

B
C
E


H
H1
H1
G1
G

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CELA ALSO MAKES

















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QUALITY SYSTEM CERTIFICATION DNV ISO 9001

CE

Standard Compliances

- *ANSI/SAIA A92.20*
- *CSA B354.6*
- *UNI EN 280*

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