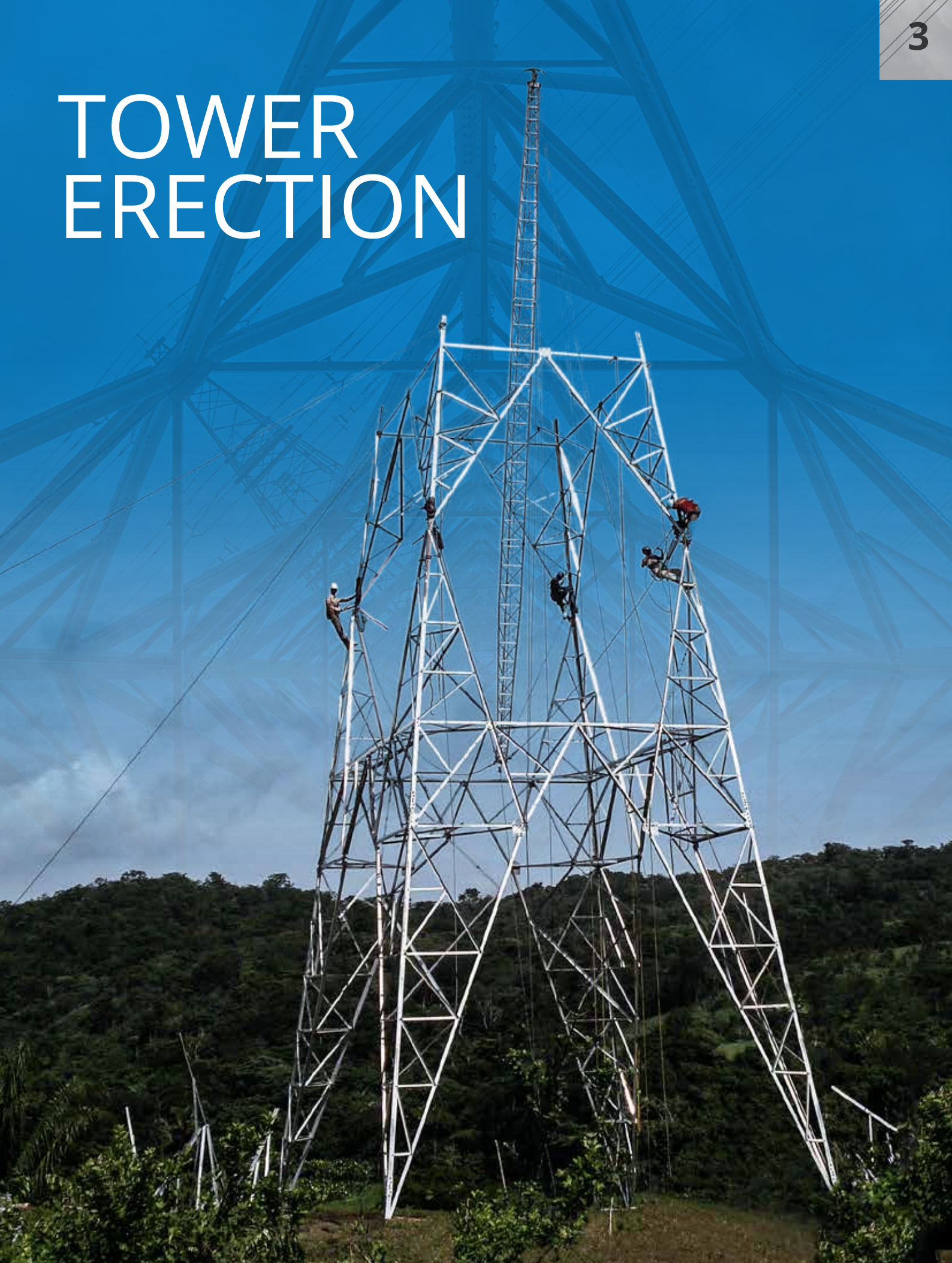


TOWER ERECTION





INDEX

HYDRAULIC WINCHES

| CODE | RANGE | STANDARD CONFIGURATION | ROPE DIAMETER | ENGINE POWER | |
|----------------------------|-------|---|---------------|--------------|-------------|
| AMB101 | 10 kN | Capstan | 8 mm | 5,1 kW | 3.10 |
| AMB200 | 12 kN | Capstan / drum | 8 mm | 5,1 kW | 3.15 |
| AMB206 / AMB207 | 15 kN | 2 capstans / 1 capstan and 1 drum | 8 mm | 8,1 kW | 3.20 |
| AMC402 | 30 kN | Drum | 14 mm | 25 kW | 3.25 |
| AMC501 | 50 kN | Drum | 18 mm | 34 kW | 3.30 |
| ARS515 | 50 kN | Bull-wheel | 16,5 mm | 16,5 kW | 3.35 |

SHACKLES

| CODE | | |
|------------|--|-------------|
| ALG | | 3.40 |

SERVICE SNATCH BLOCKS

| CODE | | |
|------------------|--|-------------|
| CZA / CZL | | 3.45 |

DERRICKS

| CODE | | |
|------------|--|-------------|
| FAL | | 3.50 |

TOWER ERECTION

The best match between hydraulic winch and derrick

Tesmec, worldwide well known for its stringing technology is also proposing specialized complete solutions for lifting works and tower erection.

Thanks to the continuous technical improvements, Tesmec has realized the perfect match between hydraulic winches and derricks, ensuring the top level of safety and efficiency: all machines and tools for lifting works are CE marked.



TOWER ERECTION: OUR VALUE PROPOSITION



WINCHES: TIME SAVING SOLUTION

Hydraulic Winches, that can be used for stringing operations of low and medium voltage lines, are actually designed for lifting works, in particular for Tower Erection. All range is engineered to be light and compact as much as possible, in order to be easy for maneuvering and positioning. The use of these machines reduces the execution time and ensures a high level of safety:

- + Closed hydraulic circuit allows to adjust speed while lifting loads.
- + Negative self-active hydraulic brake stops the machine in case of overload.
- + Integrated Gear-box in the drum structure maximizes efficiency.*

The machines performances declared are referred to the medium drum diameter.

Consequently, the max pull value is higher than the pull declared if taken at the internal drum diameter. Similarly, the max speed value would be higher than the declared data, if taken at the external drum diameter.

* only on some models.



DERRICKS: EASY AND SAFE

Top European aluminium alloy and state of the art hand-made weldings ensure the best quality and safety.

Thanks to the modular design, all the models of derricks are easy to handle.

Each section is light and short and can easily be moved even in tough conditions. Every model is designed with a special base to simplify the derricks tilting.

Furthermore, the head of those structures, being swivel, makes the anchorage process easy.

The standard Tesmec is supplied with external rope passage, typically used hooked to the towers.

However on demand each model can be provided with internal rope passage, usually preferred for the suspension of the derricks inside the tower shape.

AMB101

HYDRAULIC WINCH



MAX PULL
10 kN



MAX SPEED
1,9 km/h



ROPE DIAMETER
8 mm

DETACHABLE IN 3 PARTS

LIGHT DESIGN



PERFORMANCE *

| | |
|-------------------|----------|
| Max pull | 10 kN |
| Speed at max pull | 1 km/h |
| Max speed | 1,9 km/h |

* at 20°C and at sea level

HYDRAULIC TRANSMISSION

Closed hydraulic circuit for stepless speed variation in both rotating directions.

CHARACTERISTICS

| | |
|--------------------|--------|
| Capstan diameter | 225 mm |
| Weight | 100 kg |
| Weight with ADT001 | 130 kg |

ENGINE

| | |
|-----------------|---------------|
| Gasoline | 5,1 kW (7 hp) |
| Cooling system | AIR |
| Starting system | by handle |

CONFIGURATION

Capstan winch.
Negative self-acting hydraulic brake.

AVAILABLE DEVICES

ALL102 Pulling rope locking device when capstan is used (compulsory for EC market).

ALL105 Rigid axle and towing bar detachable, for manual towing.

ALL113 Handbarrow.

Drum with automatic level wind

External diameter 350 mm

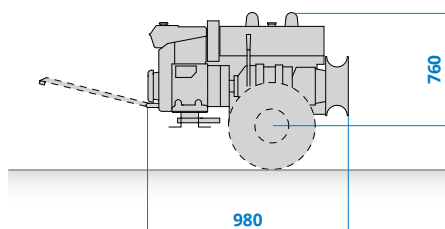
Internal diameter 200 mm

ADT001 Width 390 mm

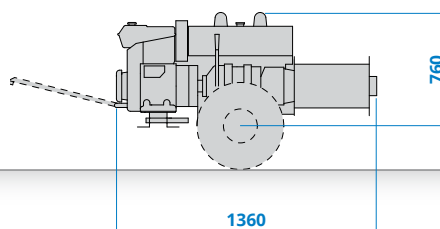
Rope diameter 8 mm

Max capacity 280 mm

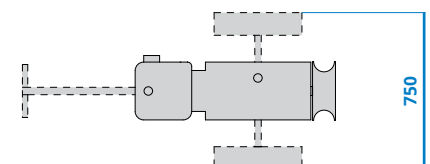
AMB101 with ALL105



AMB101 with ADT001 and ALL105



AMB101



Pictures & drawings can be different according to technical specifications - updating programme variations without notice are possible.

Certified Quality System
ISO 9001:2015

Certified Environmental System
ISO 14001:2015

Certified Health & Safety System
ISO 45001:2018

AMB200

HYDRAULIC WINCH



MAX
PULL
12 kN



MAX
SPEED
2,1 km/h



ROPE
DIAMETER
8 mm

BIG ROPE CAPACITY

COMPACT DESIGN

PERFORMANCE *

| | |
|-------------------|----------|
| Max pull | 12 kN |
| Speed at max pull | 0,8 km/h |
| Max speed | 2,1 km/h |
| Pull at max speed | 3 kN |

* at 20°C and at sea level

HYDRAULIC TRANSMISSION

Closed hydraulic circuit for stepless speed variation in both rotating directions.

CHARACTERISTICS

Drum Specifications

| | |
|-------------------|--------|
| External diameter | 495 mm |
| Internal diameter | 273 mm |
| Width | 509 mm |
| Rope diameter | 8 mm |
| Max capacity | 900 mm |

Capstan Specifications

| | |
|----------|--------|
| Diameter | 220 mm |
| Weight | 350 kg |

ENGINE

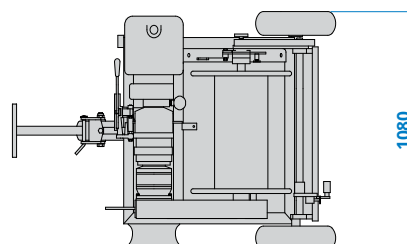
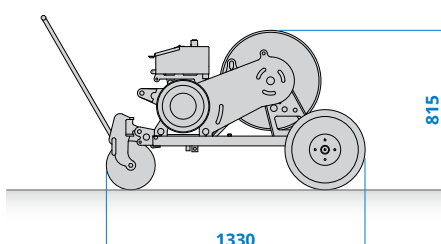
| | |
|-----------------|---------------|
| Gasoline | 5,1 kW (7 hp) |
| Cooling system | AIR |
| Starting system | by handle |

CONFIGURATION

Capstan and drum with automatic level wind.
Negative self-acting hydraulic brake.
Mechanical device to idle the drum.
Rigid axle for manual towing.

AVAILABLE DEVICES

- ALL100** Conical drum, one side detachable.
- ALL102** Pulling rope locking device when capstan is used (compulsory for EC market).
- ALL103** Torque bar with set-point and automatic control of maximum pull.
- ALL112** Trailer 80 km/h. EC type-approved for road circulation with hook Ø 40 mm and lighting system.



AMB206/AMB207

HYDRAULIC WINCHES



MAX PULL
15 kN

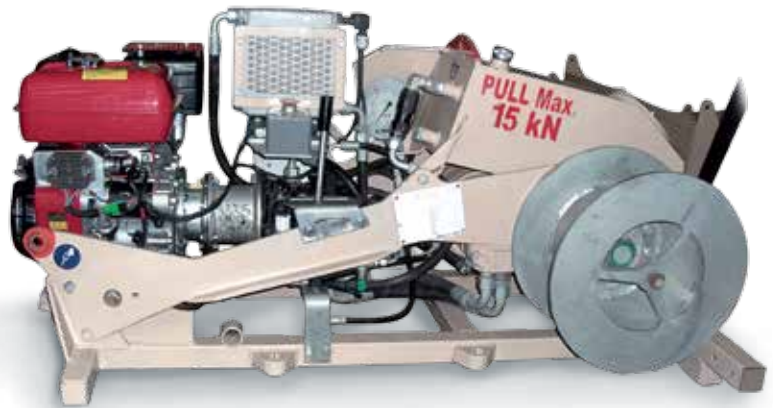


MAX SPEED
2,4 km/h



ROPE DIAMETER
8 mm

LIFTING 2 LOADS CONTEMPORARY
DETACHABLE DESIGN



PERFORMANCE *

| | |
|-------------------|-----------|
| Max pull | 15 kN |
| Speed at max pull | 0,35 km/h |
| Max speed | 2,4 km/h |
| Pull at max speed | 5 kN |

* at 20°C and at sea level

HYDRAULIC TRANSMISSION

Closed hydraulic circuit for stepless speed variation in both rotating directions.

CHARACTERISTICS

Drum Specifications

| | |
|-------------------|--------|
| External diameter | 378 mm |
| Internal diameter | 220 mm |
| Width | 200 mm |
| Rope diameter | 8 mm |
| Max capacity | 185 mm |

Capstan Specifications

| | |
|----------------------|--------|
| Diameter | 250 mm |
| Weight (Mod. AMB206) | 300 kg |
| Weight (Mod. AMB207) | 320 kg |

ENGINE

| | |
|-------------------|----------------|
| Gasoline | 8,1 kW (11 hp) |
| Cooling system | AIR |
| Electrical system | 12 V |

CONFIGURATION AMB206

Two side capstans.
Negative self-acting hydraulic brake.

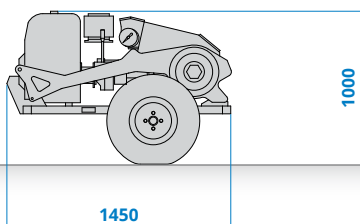
CONFIGURATION AMB207

1 side capstan.
1 side drum with automatic level wind.
Negative self-acting hydraulic brake.

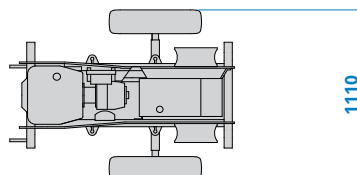
AVAILABLE DEVICES

- ALL102** Pulling rope locking device when capstan is used (compulsory for EC market).
- ALL105** Rigid axle and towing bar detachable, for manual towing.

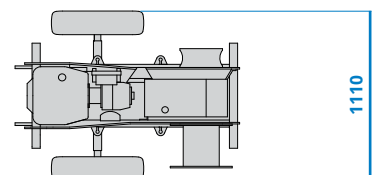
AMB206 with ALL105



AMB206 with ALL105



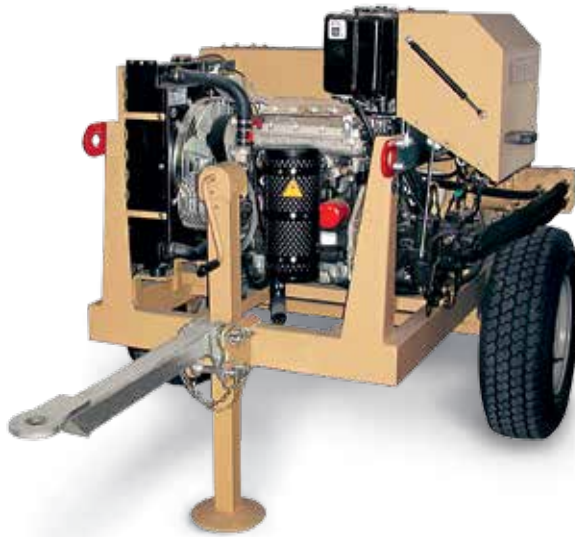
AMB207 with ALL105



Pictures & drawings can be different according to technical specifications - updating programme variations without notice are possible.

AMC402

HYDRAULIC WINCH



MAX PULL
30 kN



MAX SPEED
5 km/h



ROPE DIAMETER
14 mm

TOP PERFORMANCE

AVAILABLE FOR ROAD USE

PERFORMANCE *

| | |
|-------------------|----------|
| Max pull | 30 kN |
| Speed at max pull | 1,5 km/h |
| Max speed | 5 km/h |
| Pull at max speed | 8,5 kN |

* at 20°C and at sea level

HYDRAULIC TRANSMISSION

Closed hydraulic circuit for stepless speed variation in both rotating directions.

CHARACTERISTICS

Drum Specifications

| | |
|-------------------|---------|
| External diameter | 530 mm |
| Internal diameter | 355 mm |
| Width | 700 mm |
| Rope diameter | 14 mm |
| Max capacity | 400 m |
| Weight | 1000 kg |

ENGINE

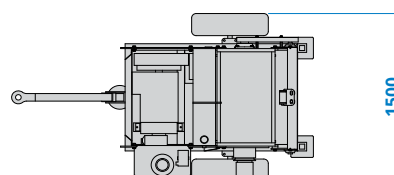
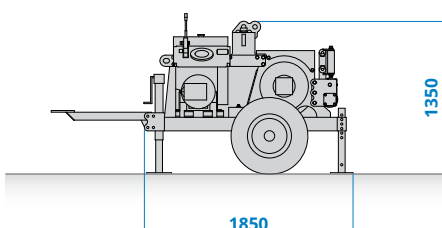
| | |
|-----------------|---------------|
| Diesel | 25 kW (34 hp) |
| Cooling system | WATER |
| Starting system | 12 V |

CONFIGURATION

Drum with automatic level wind.
Negative self-acting hydraulic brake.
Hydraulic dynamometer with set-point and automatic control of maximum pull.
Rigid axle 30 km/h.
Towing shaft with adjustable height.
Mechanical front stabiliser.

AVAILABLE DEVICES

| | | |
|---------------|---|----------|
| ALL102 | Pulling rope locking device when capstan is used (compulsory for EC market). | |
| ALL112 | Trailer 80 km/h. EC type-approved for road circulation with hook Ø 40 mm and lighting system. | |
| | Capstan for lifting operations | |
| ALL107 | Max pul | 10 kN |
| | Max speed | 1,5 km/h |
| | Capstan diameter | 220 mm |



AMC402 with ALL112



AMC501

HYDRAULIC WINCH



MAX PULL
50 kN



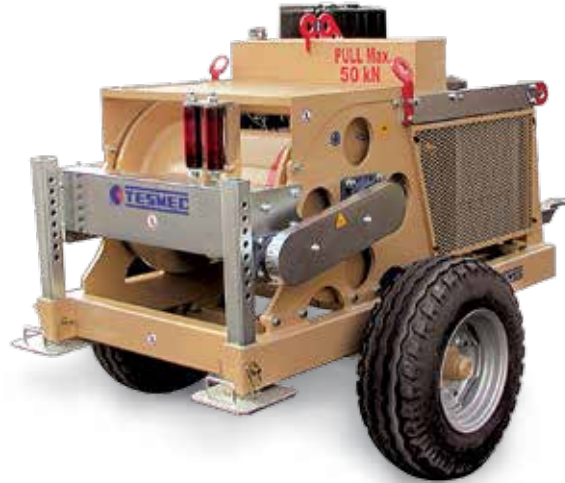
MAX SPEED
6 km/h



CONDUCTOR DIAMETER
18 mm

TOP PERFORMANCE

COMPACT DESIGN



PERFORMANCE *

| | |
|-------------------|----------|
| Max pull | 50 kN |
| Speed at max pull | 1,3 km/h |
| Max speed | 6 km/h |
| Pull at max speed | 10,5 kN |

* at 20°C and at sea level

HYDRAULIC TRANSMISSION

Closed hydraulic circuit for stepless speed variation in both rotating directions.

CHARACTERISTICS

Drum Specifications

| | |
|-------------------|---------|
| External diameter | 700 mm |
| Internal diameter | 457 mm |
| Width | 700 mm |
| Rope diameter | 18 mm |
| Max capacity | 400 mm |
| Weight | 1600 kg |

ENGINE

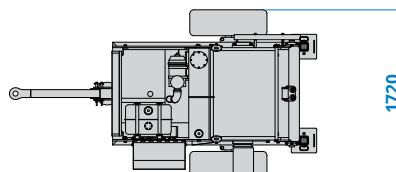
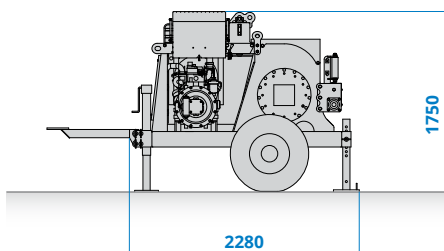
| | |
|-------------------|---------------|
| Diesel | 34 kW (46 hp) |
| Cooling system | WATER |
| Electrical system | 12 V |

CONFIGURATION

Drum with automatic level wind.
Negative self-acting hydraulic brake.
Hydraulic dynamometer with set-point and automatic control of maximum pull.
Rigid axle 30 km/h.
Towing shaft with adjustable height.
Mechanical front stabiliser.

AVAILABLE DEVICES

| | |
|---------------------------------------|---|
| ALL102 | Pulling rope locking device when capstan is used (compulsory for EC market). |
| Capstan for lifting operations | |
| | Max pul 10 kN |
| ALL107 | Max speed 1,5 km/h |
| | Capstan diameter 220 mm |
| ALL112 | Trailer 80 km/h. EC type-approved for road circulation with hook Ø 40 mm and lighting system. |



Pictures & drawings can be different according to technical specifications - updating programme variations without notice are possible.

ARS515 / CPA204

HYDRAULIC MINI WINCH



MAX
PULL

50 kN



MAX
SPEED

1 km/h

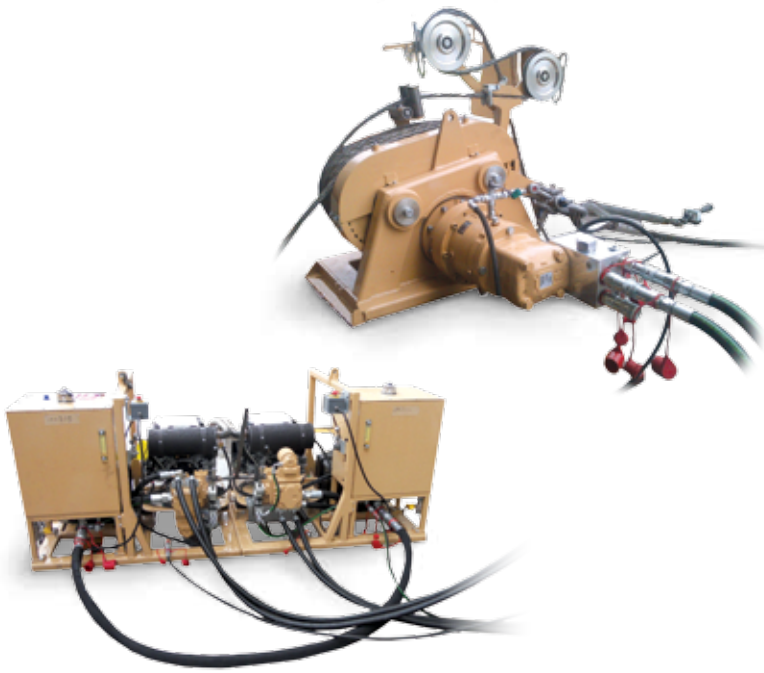


CONDUCTOR
DIAMETER

16,5 mm

DETACHABLE IN 2 PARTS

BULL-WHEEL DESIGN



PERFORMANCE *

| | |
|-------------------|----------|
| Max pull | 50 kN |
| Speed at max pull | 0,5 km/h |
| Max speed | 1 km/h |
| Pull at max speed | 25 kN |

* at 20°C and at sea level

HYDRAULIC TRANSMISSION

Closed hydraulic circuit for stepless speed variation in both rotating directions.

CHARACTERISTICS

| | |
|-------------------------|---------|
| Bull-wheel diameter | 256 mm |
| Bull-wheel material | STEEL |
| Max rope diameter | 16,5 mm |
| Working unit weight | 300 kg |
| Power unit weight (dry) | 295 kg |
| Layout | Single |

ENGINE

| | |
|-------------------|-------------------|
| Gasoline | 16,5 kW (22,1 hp) |
| Cooling system | AIR |
| Electrical system | 12 V |

CONFIGURATION

Working Unit ARS515.
Single power unit CPA204.
Negative self-acting hydraulic brake.
Overcenter valve to control load movement.
Hydraulic dynamometer with graduated scale to check pulling load.

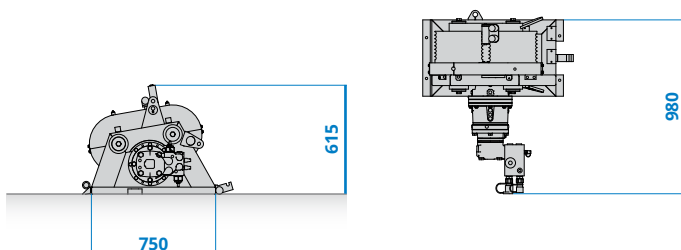
AVAILABLE DEVICES

| | |
|---------------|--|
| ALL105 | Rigid axle and towing bar detachable, for manual towing available for ARS515, CPA204 and CPA205. |
| CPK206 | Power unit connection kit. |

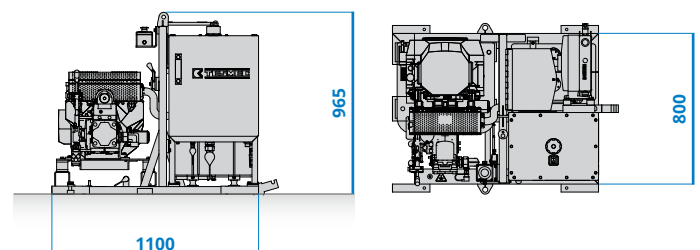
Double Power Unit Performance

| | |
|---------------------------------|--|
| Max pul | 50 kN |
| CPA205 Speed at max pull | 1 km/h |
| Max speed | 2 km/h |
| Pull at max speed | 25 kN |
| ALL102 | Pulling rope locking device when capstan is used (compulsory for EC market). |

ARS515



CPA204



Certified Quality System
ISO 9001:2015

Certified Environmental System
ISO 14001:2015

Certified Health & Safety System
ISO 45001:2018

Pictures & drawings can be different according to technical specifications - updating programme variations without notice are possible.

ALG SHACKLES

PIN TYPE ACCORDING TO FEDERAL SPECIFICATION RRC-271D TYPE IVA, GRADE A, CLASS 2.

BOLT TYPE ACCORDING TO FEDERAL SPECIFICATION RR-C-271D TYPE IVA, GRADE A, CLASS 3.

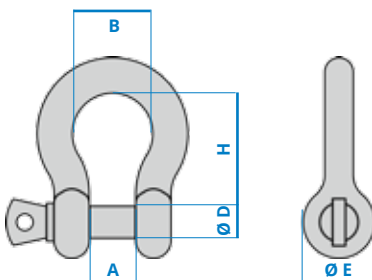


PIN TYPE 209



BOLT TYPE 2130

| MODEL | AL AIB WORKING LOAD LIMIT | NOMINAL SHAKLE SIZE | Inside length H | Inside width | | Diameter | | Tolerance plus of minus | | WEIGHT | |
|--------|---------------------------|---------------------|--------------------|--------------|---------|----------|---------|-------------------------|---------|--------------------|----------------|
| | | | | A | B | Ø D | Ø E | minus | Width | Screw pin type 209 | Bolt type 2130 |
| ALG050 | 5 kN | 1/4 in | 28,6 mm | 12,7 mm | 19,8 mm | 7,94 mm | 17,5 mm | 1,59 mm | 1,59 mm | 0,05 kg | |
| ALG051 | 7,5 kN | 5/16 in | 31 mm | 13,5 mm | 21,4 mm | 9,53 mm | 20,6 mm | 1,59 mm | 1,59 mm | 0,08 kg | |
| ALG052 | 10 kN | 3/8 in | 36,5 mm | 16,7 mm | 26,2 mm | 11,1 mm | 24,7 mm | 3,18 mm | 1,59 mm | 0,14 kg | |
| ALG053 | 15 kN | 7/16 in | 42,8 mm | 18,3 mm | 29,4 mm | 12,7 mm | 27 mm | 3,18 mm | 1,59 mm | 0,20 kg | |
| ALG054 | 20 kN | 1/2 in | 47,6 mm | 20,6 mm | 33,3 mm | 15,9 mm | 30,2 mm | 3,18 mm | 1,59 mm | 0,29 kg | |
| ALG055 | 32,5 kN | 5/8 in | 60 mm | 27 mm | 42,9 mm | 19,1 mm | 39,7 mm | 3,18 mm | 1,59 mm | 0,60 kg | |
| ALG056 | 47,5 kN | 3/4 in | 71 mm | 31,8 mm | 51 mm | 22,2 mm | 47,6 mm | 6,35 mm | 1,59 mm | 1,05 kg | |
| ALG057 | 65 kN | 7/8 in | 84 mm | 36,5 mm | 58 mm | 25,4 mm | 54 mm | 6,35 mm | 1,59 mm | 1,54 kg | |
| ALG058 | 85 kN | 1 in | 95 mm | 42,9 mm | 68 mm | 28,6 mm | 60 mm | 6,35 mm | 1,59 mm | 2,35 kg | |
| ALG059 | 15 kN | 7/16 in | 42,8 mm | 18,3 mm | 29,4 mm | 12,7 mm | 27 mm | 3,18 mm | 1,59 mm | | 0,36 kg |
| ALG060 | 32,5 kN | 5/8 in | 60 mm | 27 mm | 42,9 mm | 19,1 mm | 39,7 mm | 3,18 mm | 1,59 mm | | 0,73 kg |
| ALG061 | 47,5 kN | 3/4 in | 71 mm | 31,8 mm | 51 mm | 22,2 mm | 47,6 mm | 6,35 mm | 1,59 mm | | 1,23 kg |
| ALG062 | 65 kN | 7/8 in | 84 mm | 36,5 mm | 58 mm | 25,4 mm | 54 mm | 6,35 mm | 1,59 mm | | 1,79 kg |
| ALG063 | 85 kN | 1 in | 95 mm | 42,9 mm | 68 mm | 28,6 mm | 60 mm | 6,35 mm | 1,59 mm | | 3,75 kg |
| ALG064 | 120 kN | 1 1/4 in | 119 mm | 52 mm | 83 mm | 34,9 mm | 76 mm | 6,35 mm | 1,59 mm | | 5,31 kg |
| ALG065 | 135 kN | 1 3/8 in | 132 mm | 57 mm | 89 mm | 38,1 mm | 84 mm | 6,35 mm | 3,18 mm | | 7,18 kg |



Pictures & drawings can be different according to technical specifications - updating programme variations without notice are possible.

CZA / CZL

SERVICE SNATCH BLOCKS

AVAILABLE OPEN OR CLOSED TYPES

WHEELS MOUNTED ON BALL BEARINGS

SPECIAL MODELS CAN BE DESIGNED ON DEMAND



CZA



CZL

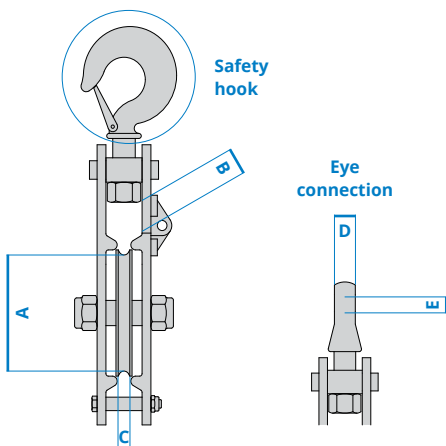
STEEL SERVICE SNATCH BLOCKS Mod. CZA

| SWIVEL CONNECTION | | | DIMENSIONS | | | | | WORKING LOAD | WEIGHT | |
|------------------------|---------------|----------------------------|------------|-------|-------|-------|-------|--------------|------------------------|----------------|
| Safety hook connection | | Eye connection (Open type) | A | B | C | D | E | | Safety hook connection | Eye connection |
| Closed type | Open type | | | | | | | | | |
| CZA370 | CZA010 | CZA001 | 108 mm | 40 mm | 15 mm | 20 mm | 17 mm | 18 kN | 5 kg | 4,9 kg |
| CZA033 | CZA030 | CZA020 | 138 mm | 40 mm | 15 mm | 27 mm | 21 mm | 36 kN | 8 kg | 8,5 kg |
| CZA141 | CZA140 | CZA280 | 185 mm | 55 mm | 30 mm | 30 mm | 26 mm | 50 kN | 12 kg | 12 kg |

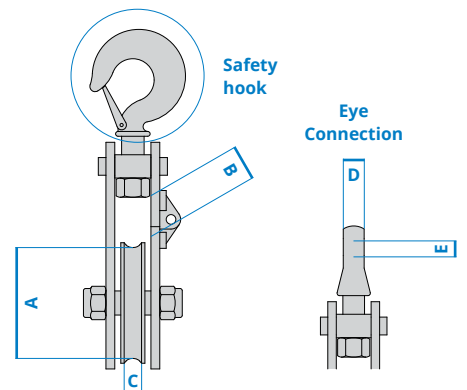
ALUMINIUM ALLOY SERVICE SNATCH BLOCKS Mod. CZL

| SWIVEL CONNECTION | | DIMENSIONS | | | | | WORKING LOAD | WEIGHT |
|------------------------------------|----------------------------|------------|-------|-------|-------|-------|--------------|--|
| Safety hook connection (Open type) | Eye connection (Open type) | A | B | C | D | E | | Safety hook connection or Eye connection |
| CZL050 | CZL040 | 100 mm | 30 mm | 22 mm | 14 mm | 18 mm | 6 kN | 1,6 kg |
| CZL080 | CZL070 | 140 mm | 40 mm | 25 mm | 16 mm | 18 mm | 12 kN | 2,8 kg |

CZA



CZL

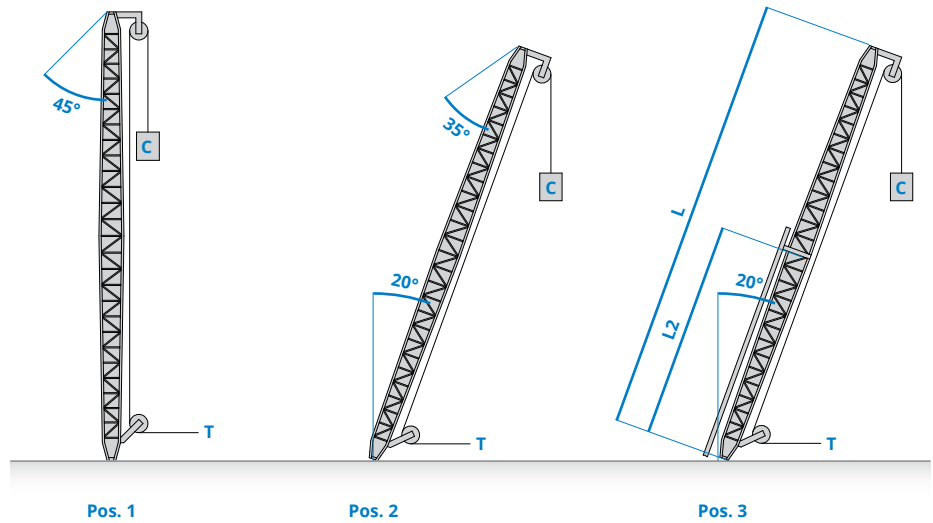


FAL ALUMINIUM DERRICKS

LIGHT DESIGN

SWIVEL HEAD AND BASE

SPECIAL MODELS CAN BE DESIGNED ON DEMAND



| MODEL | TOTAL LENGTH | SECTION LENGTHS | MAX LIFTING LOAD | | | WEIGHT | SNATCH BLOCKS (NOT INCLUDED) | | ANCHORING ROPES (n° 4 for each) |
|--------|--------------|-----------------|------------------|---------------|---------------|--------|------------------------------|-----------------------------|---------------------------------|
| | | | POS. 1 0° | POS. 2 20° | Pos. 3 20° | | Upper service snatch blocks | Lower service snatch blocks | |
| FAL001 | 8 m | 4+4 m | 6,5 kN | 5 kN | 1,5 kN | 40 kg | CZA010 | CZA010 | ALT046 |
| FAL010 | 12 m | 4+4+4 m | 6,5 kN | 5 kN | 1,5 kN | 65 kg | CZA010 | CZA010 | ALT047 |
| FAL020 | 8 m | 4+4 m | 10 kN | 8 kN | 2 kN | 45 kg | CZA010 | CZA010 | ALT046 |
| FAL030 | 10 m | 4+2+4 m | 10 kN | 8 kN | 2 kN | 60 kg | CZA010 | CZA010 | ALT046 |
| FAL040 | 12 m | 4+4+4 m | 10 kN | 8 kN | 2 kN | 70 kg | CZA010 | CZA010 | ALT047 |
| FAL050 | 8 m | 3+2+3 m | 12,5 kN | 10 kN | 2,5 kN | 50 kg | CZA030 | CZA010 | ALT046 |
| FAL060 | 12 m | 4+4+4 m | 12,5 kN | 10 kN | 2,5 kN | 80 kg | CZA030 | CZA010 | ALT047 |
| FAL070 | 16 m | 5+6+5 m | 12,5 kN | 10 kN | 2,5 kN | 110 kg | CZA030 | CZA010 | ALT048 |
| FAL080 | 12 m | 4+4+4 m | 19 kN | 15 kN | 3,5 kN | 100 kg | CZA140 | CZA030 | ALT043 |
| FAL090 | 16 m | 5+6+5 m | 19 kN | 15 kN | 3,5 kN | 130 kg | CZA140 | CZA030 | ALT044 |
| FAL100 | 18 m | 6+6+6 m | 19 kN | 15 kN | 3,5 kN | 180 kg | CZA140 | CZA030 | ALT045 |
| FAL110 | 20 m | 5+5+5+5 m | 19 kN | 15 kN | 3,5 kN | 200 kg | CZA140 | CZA030 | ALT045 |
| FAL120 | 12 m | 4+4+4 m | 25 kN | 20 kN | 4 kN | 120 kg | CZA140 | CZA030 | ALT156 |
| FAL130 | 16 m | 4+4+4+4 m | 25 kN | 20 kN | 4 kN | 160 kg | CZA140 | CZA030 | ALT147 |
| FAL140 | 20 m | 5+5+5+5 m | 25 kN | 20 kN | 4 kN | 220 kg | CZA140 | CZA030 | ALT015 |
| FAL150 | 12 m | 6+6 m | 31 kN | 25 kN | 5 kN | 150 kg | CZA380 | CZA140 | ALT156 |
| FAL160 | 16 m | 5+6+5 m | 31 kN | 25 kN | 5 kN | 200 kg | CZA380 | CZA140 | ALT147 |
| FAL170 | 18 m | 6+6+6 m | 31 kN | 25 kN | 5 kN | 230 kg | CZA380 | CZA140 | ALT015 |
| FAL180 | 20 m | 5+5+5+5 m | 31 kN | 25 kN | 5 kN | 250 kg | CZA380 | CZA140 | ALT015 |
| FAL190 | 16 m | 5+6+5 m | 50 kN | 40 kN | 8 kN | 300 kg | CZA350 | CZA340 | ALT155 |
| FAL200 | 18 m | 6+6+6 m | 50 kN | 40 kN | 8 kN | 330 kg | CZA350 | CZA340 | ALT155 |
| FAL210 | 22 m | 5+6+6+5 m | 50 kN | 40 kN | 8 kN | 400 kg | CZA350 | CZA340 | ALT017 |

Standard derricks with external rope passage, available on demand with internal rope passage.

Pictures & drawings can be different according to technical specifications - updating programme variations without notice are possible.



ALUMINIUM DERRICKS



Fig. 1



Fig. 2



Fig. 3



Fig. 4

ERP - EXTERNAL ROPE PASSAGE

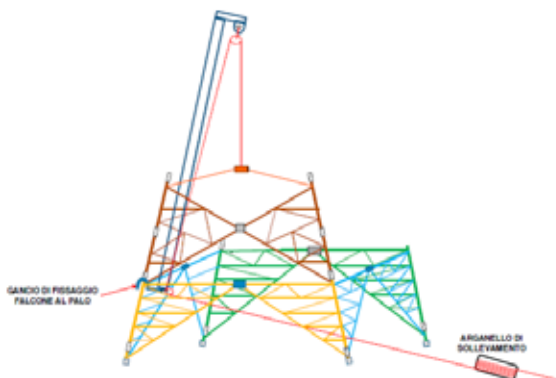
The derricks with ERP have the lifting rope outside the body structure.

This kind of derricks are suitable for every use, even if for center pole use it is suggested the IRP type.

The base (Fig. 1) which is a structure manufactured in welded steel, allows the inclination of the derrick and the use on the ground. The hook allows the use of the derricks anchored on the support trestles of the towers.

The head (Fig. 2), also made from a welded steel structure, has a swivel plate with 4 holes for the connection of the guy ropes to the ground.

In case of ERP it is always required to have on top and on the base a suitable snatch block or hackle.



IRP - INTERNAL ROPE PASSAGE

In case of use inside the tower it is preferable to use a derrick with IRP.

In this case the base (Fig. 3) and the head (Fig. 4) are different in order to guide the rope internally.

Furthermore, the base has a basket to support the structure, with 4 holes for the connection of 4 guy ropes to the tower.

