

TD-0065
HYBRID ELECTRIC AND MANUAL
LIFT AND DESCENT DEVICE

-  Electric (battery-powered drill) and manual (hand crank) drills for work and rescue operations
-  Unlimited lifting height, for up to 200kg (2 people) and with a 2:1 advantage system
-  Descent controlled by means of a manual lever
-  Durable and easy to use
-  Suitable for lifting and lowering loads and people
-  Directive 2006/42 | EC annex 4 | CE EN NBR | EN 1891 type A | EN 564

Description

The "HYBRID" hybrid device combines two different features: electric battery power and friction power. This combination allows for greater efficiency and safety at work, especially in rescue operations.

The TASK HYBRID system is a drill-powered hoist. The equipment is easy to use, suitable for lifting and lowering loads and people. It's the future of vertical operations (work and rescue)!

Electric and manual hoisting and lowering device for work and rescue.

Highlights



Built-in 360° anti-rotation system

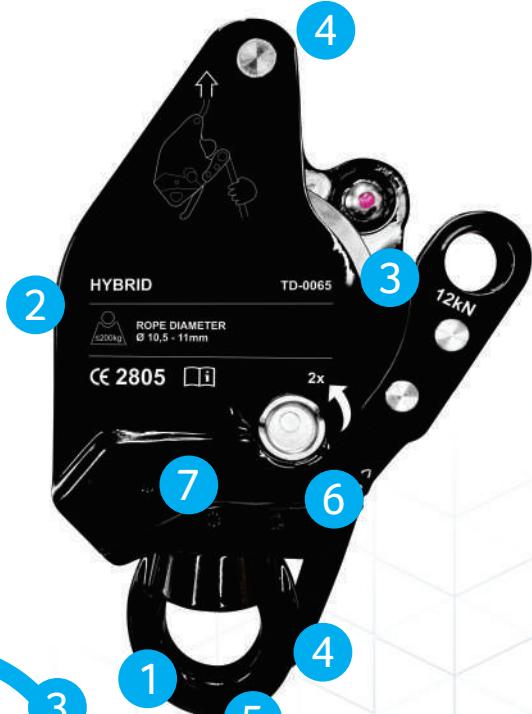


Rear hole for hex key and screwdriver



Movable pulley for mechanical advantage operations

Moving plate systems



Double security when opening and closing



Anchor point on the 12kN equipment



Manual lever



Technical Description

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Electric and manual ascender and descender device for work and rescue.

Direct capacity of 200kg. Indirect capacity, with a 2:1 system, can lift up to 280kg of load or people. It has the capacity to lift indefinite meters (battery limit) using a drill with two 8.0Ah batteries and a minimum torque of 15.5Nm.

Moving plate system, double safety when opening and closing (button), built-in anti-rotation for 360° operations, movable pulley and 12kN anchor point allows for traditional mechanical advantage mounting. Rear hole in the equipment for attaching a hex key and screwdriver with an 8:1 mechanical advantage. It allows controlled lifting using a high-torque drill and controlled descent via a manual lever.

For EN 1891 type A certified ropes from 10.5mm to 11mm. Ascent speed depending on battery charge from 0.5 m/s to 2.0 m/s. Recommended torque 120–160 N*m/1100-1450 in-lbs without impact.

This equipment is suitable for firefighters, vertical rescue teams in general, rope access workers, vertical work teams in general (cleaning, facade maintenance, etc.), and teams for vertical handling of equipment, loads, and materials.

Technical Advantages

-  Rear hole in the device for attaching a hex key and screwdriver (adapter included) with an 8:1 mechanical advantage
-  Anchor point on the 12kN equipment
-  Movable pulley for mechanical advantage operations
-  With a system of movable plates

Certifications

EQUIPMENT

HYBRID

Diretiva 2006/42 | CE anexo 4 | CE EN NBR | EN 1891 tipo A | EN 564



Gallery

Measurements and Materials

Product name:	HYBRID
Product code:	TD-0065
Weight:	1,65kg 2,8kg (with suitcase)
Dimensions:	Device: 160 x 120 x 85mm Suitcase: 26 x 26 x 14cm
Construction material:	Aluminum and stainless steel
Color:	Black
Rope diameter:	10,5 to 11mm
Rope certificate:	EN 1891 type A
Max. height descent:	Undefined (battery limit)
Speed of ascent:	Depending on battery charge, 0,5m/s to 2,0m/s
Direct lifting load:	Work and rescues: 200kg
Indirect lifting load:	2:1 Jobs and rescues: 280kg
Gear:	Mechanical advantage of 8:1
Recommended torque:	120 – 160 N*m/1100-1450in-lbs no Impact
Anc. point capacity:	12kN
Accessories:	<ul style="list-style-type: none"> • 1 (one) impact-resistant carrying case • 2 (two) 8mm x 3 hex keys • 1 (one) double-locking aluminum D-ring Keylock CE EN NBR
Lifespan:	The lifespan cannot be defined in exact numbers, as it depends on environmental conditions and usage scenarios; however, under normal conditions, a usage period of between 4 and 6 years is expected.
Warranty:	1 year warranty against manufacturing defects

IMPORTANT:

- DO NOT USE without an additional backup system (SPIQ – Fall Protection System)
- DO NOT USE without performing a first-use inspection, periodic inspection every 6 months or according to international standards and documenting it
- For lifting people, an additional rope and fall arrest device must be used
- The system must have a primary rope and a secondary backup rope system
- Only use certified ropes - EN 1891 type A - 10.5 to 11mm (TASKWORK or RESCUE by TASK ropes)
- BE CAREFUL when using for rescue operations or more than one person
- A competent person must assess the anchor points
- DO NOT USE an impact wrench!

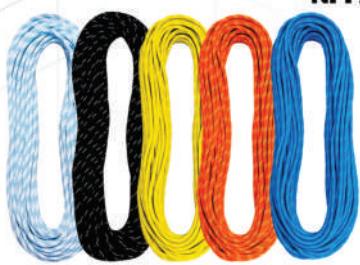
Applications

The TASK HYBRID is used for firefighting teams, general vertical rescue teams, rope access workers, general vertical work teams (cleaning, facade maintenance, among others), and teams involved in the vertical movement of equipment, loads, and materials.



Related Products

STATIC RESCUE



TR-0025 - 40

STATIC WORK



TR-0059 - 88

STR PLUS II



TX-0048 | TX-0056

H-STR PLUS II



TX-0041 | TX-0042

BLOCK II



TX-0002

SCAPE STE



TT-0013

SISTEMA WENDIX



TX-0047

RESCUE SUPER II



TX-0005

SUPERWORK



TX-0052

DOUBLE LINK



TA-0055 | TA-0056 | TA-0057

EYE DOUBLE LINK



TA-0058 | TA-0059 | TA-0060

I-SLING



TA-0051 | TA-0052 | TA-0053

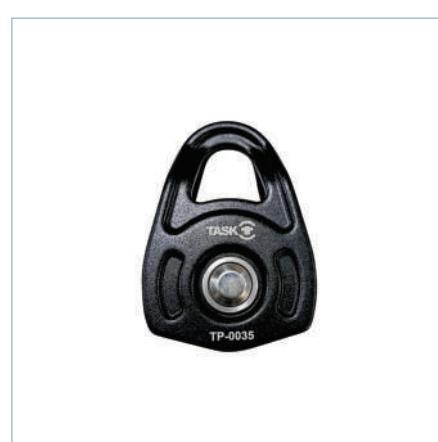
MASTER D TRIPLE EYE PULLEY



TM-0009

TP-0032 | TP-0031

SPEED LIGHT ROPE



TP-0035

ROPE GRAB II



TB-0015

SPIN



TC-0155 | TC-0156 | TC-0157

I-CABLE PLUS



FAQ

WHAT IS THE LIFTING CAPACITY OF THE EQUIPMENT?

For direct lifting, a load of 200kg. For indirect lifting, in a 2:1 mechanical advantage system, a load of 280kg.

HOW MANY PEOPLE CAN USE THIS EQUIPMENT?

It can be used by up to 2 people, with a total weight of 200kg, for direct use. In indirect use, with a 2:1 system, the weight limit of 280kg must be respected.

CAN I MODIFY OR LUBRICATE THE EQUIPMENT?

No, no modifications or lubrication are permitted. If any alterations are necessary, contact the manufacturer, TASK.

WHAT IS THE RECOMMENDED TORQUE FOR USING A DRILL?

Recommended torque 120 – 160 Nm/1100-1450 in-lbs without impact.

IS THE EQUIPMENT CERTIFIED?

It has a Declaration of Conformity, which means that it has been tested and approved according to the following standards: Directive 2006/42 | CE Annex 4 | CE EN NBR | EN 1891 TYPE A | EN 564.

WHAT IS THE PRODUCT'S SHELF LIFE?

The lifespan depends on the conditions to which the equipment is subjected; however, under normal usage conditions, it varies between 4 and 6 years.

WHAT IS THE RATE OF ASCENT?

Ascent speed varies depending on battery charge: 0.5 m/s to 2.0 m/s.

WHY THE NAME HYBRID?

The "Hybrid" hybrid combines two different features: electric battery power and friction power. This combination allows for greater efficiency and safety at work, especially in rescue operations. It is the future of vertical operations (work and rescue).



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