DIGITAL STRINGING MACHINES

EUROLAITE
– A PART OF ADDTECH GROUP

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TESMEC INTEGRATED VALUE PROPOSITION

Maximum economic efficiency during life cycle of the equipment.

DURABILITY 25 YEARS

Solutions for financing your equipment needs.

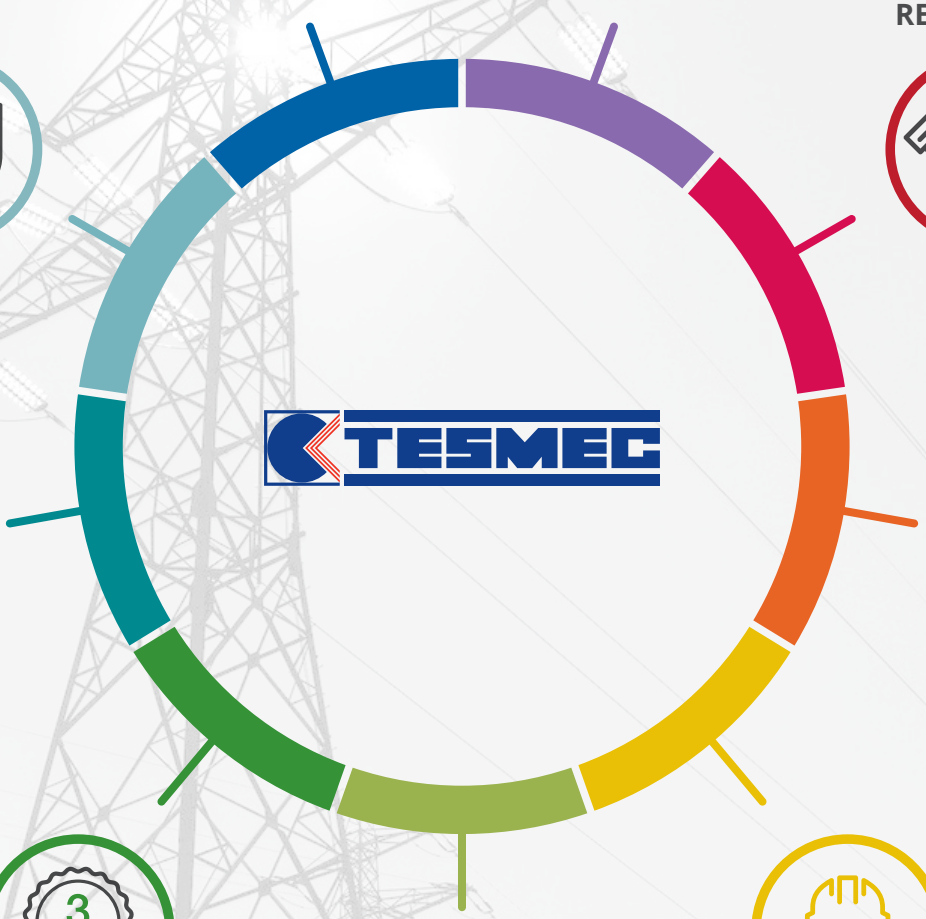
FINANCING & LEASING

Tesmec products offer the highest safety level.

SAFETY

Most trusted equipment for any project, optimum performance with minimal maintenance.

PERFORMANCE RELIABILITY



LARGE MANUFACTURE CAPABILITIES

The world largest manufacturer of stringing machines and equipment.

NEW DIGITAL HUMAN MACHINE INTERFACE (HMI)

Unique user-friendly controls provide advanced automation.

3-YEAR WARRANTY*

The highest reliability. Longest warranty period in the industry.

TRAINING ON JOBSITE

Full training package with professional engineer and onsite instruction.

TECHNICAL EXPERT SERVICE

Technological support from experienced engineers.

*According to warranty conditions.

NEW DIGITAL HUMAN MACHINE INTERFACE (HMI)

The new digital HMI (Human Machine Interface) is a significant innovation on the new digital stringing machine.
The new control panel is drastically simplified!

The innovative graphic display shows all the information, including diesel engine parameters, machine performance, and diagnostic output.

This new digital technology eliminates most of the instruments and devices installed on the previous control panel.

The remote, also usable by cable connection, controls the machine and allows the operator to work from a position that offers a better overview of the jobsite, less noise and a higher degree of safety.

Note:
Pullers equipped with reel-winders feature automatic back-pull control for optimal performance and simple operation.

DIAGNOSTIC FEATURES

+ Maintenance interval scheduling, with countdown and alerts.
+ Machine alerts display errors with detailed description.
+ Alerts recording option for authorized service inspection.
+ Automatic self-diagnosis at machine start.

EFFICIENCY

+ Automatic diesel engine rpm setting maximizes stringing speed and offers better oil cooling and fuel savings.
+ Automatic oil cooling according to oil viscosity.
+ Reduce operator errors and maximize uptime.
+ Analog Circular chart displays operating parameters and machine limits.
+ Automatic cutting pressure device, to avoid any possible overload on the machine.

Re.M. (REMOTE MONITORING SYSTEM) - ALL270

Remote monitoring package for main performance and diagnostic parameters, including alarms and a GPS localization, available on demand.

INTEGRATED RECORDER

Integrated pull recorder stores the operational data. Downloadable using a simple USB flash drive. Printer also available as an option.

Re.M. (REMOTE MONITORING SYSTEM) - ALL270

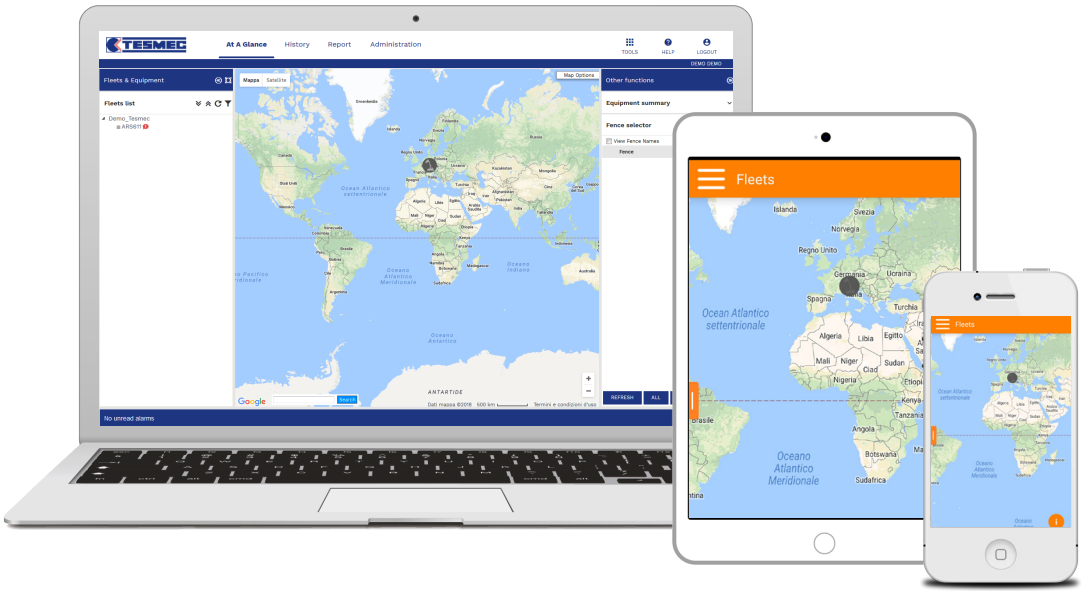
All you need to use Tesmec Re.M is an internet connection and a browser!

The interface will give you all the machine information (engine parameters, pressures and temperatures), included the geofencing (GPS coordinates).

The new remote monitoring system, RE.M, acquires, analyzes and manages information form our pullers, tensioners and puller-tensioners.

This system allows a fleet management time savings of 25%.

All the information is forwarded to a cloud platform through a data connection and is available using an internet connection and browser.
The remote access option is the easiest way to check machine data.
In case of failure, service technicians can obtain the situation analysis before they reach the jobsite reducing problem resolution and next step timing.



DAILY CONTROL OF ALL MACHINES

Data collected by RE.M allow a reduction of data processing errors and a daily fleet control through:

- Statistics of machine use,
- Monitoring of operating parameters such as temperature, ressure of hydraulic system and working hours,
- Monitoring machine status,
- Monitoring of productivity.

PROACTIVE MAINTENANCE MANAGEMENT

- Automatic acquisition of engine hours.
- Reduction of time dedicated to finding equipment for maintenance.
- Monitoring of machine status in order to prevent failure and to reduce downtime.

GEOFENCING

With RE.M you can define virtual fences that allow monitoring of machines' position on jobsites and whenever a machine is leaving a geofenced area the system sends a text message and/or an email that can help tracking and recovering the machine; reducing theft related costs.

RELIABLE TECHNICAL ASSISTANCE

Thanks to electronic error notification, RE.M simplifies problem resolution process, reducing troubleshooting and allowing speed and focused technical assistance with the possibility of problem resolution by remote.

SYSTEM AVAILABILITY:
RE.M is available on all the new digital stringing machines. Following customer authorization, the system will be activated and data access will be possible through a customer private account. During machine warranty period, Tesmec S.p.A. can access and use all the data transmitted by RE.M for problems resolution or for maintenance.
On request, the system can be installed on existing machines.

TESMEC

DIGITAL STRINGING MACHINES

The correct choice for a safer and more efficient jobsite

MAX PULL/TENSION

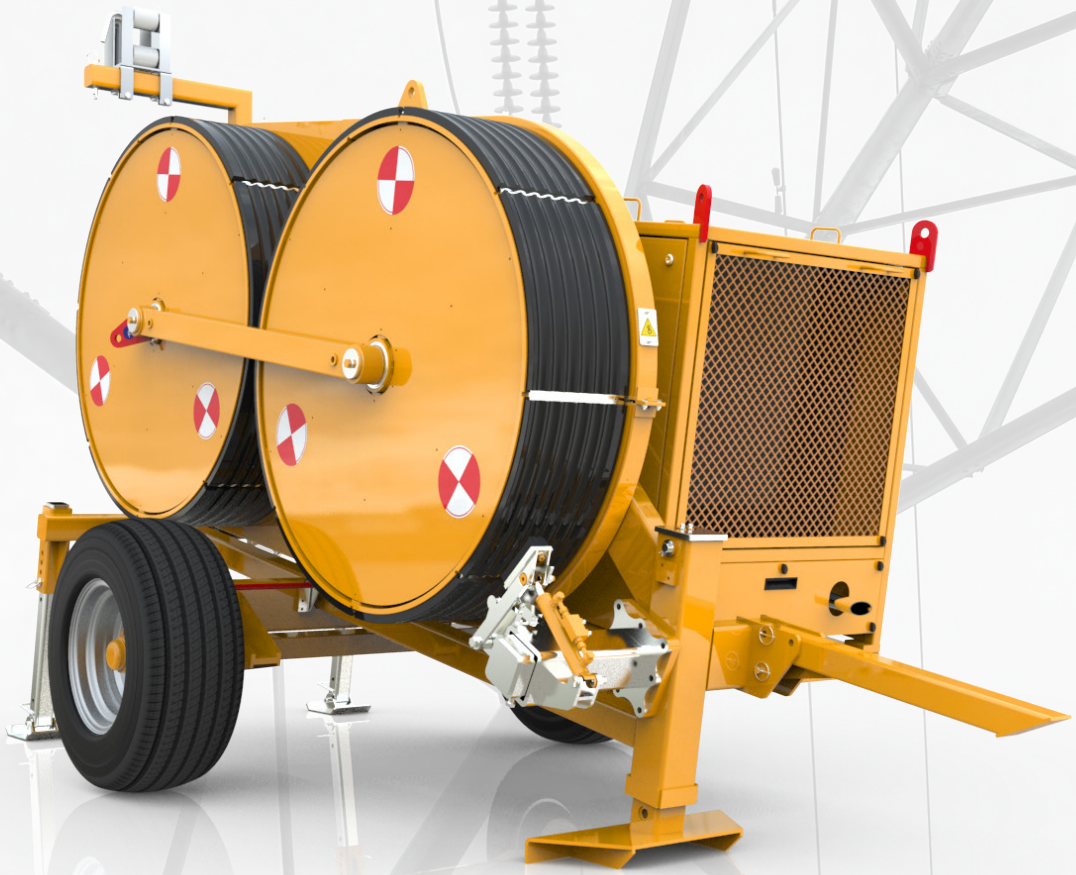
Max pull/tension performance of the machine under continuous operation.

MAX SPEED

Max speed of the machines under continuous operation.

ROPE/CONDUCTOR DIAMETER

Max rope or conductor to be used.



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DIGITAL STRINGING MACHINES MAIN FEATURES

FULL
OPTIONAL

CONFIGURATION

Full package in the standard version configuration.
The standard machine includes a complete package of devices:

- Integrated pull recorder.
- Radio remote control.
- Conductor clamp.
- Low range gearbox (50 kN range).

Range of available options include: preheating device for extra cold ambient temperatures, road transportation package, electronic connection of modular machines, remote diagnosis package and low range solution (100 kN range and higher).

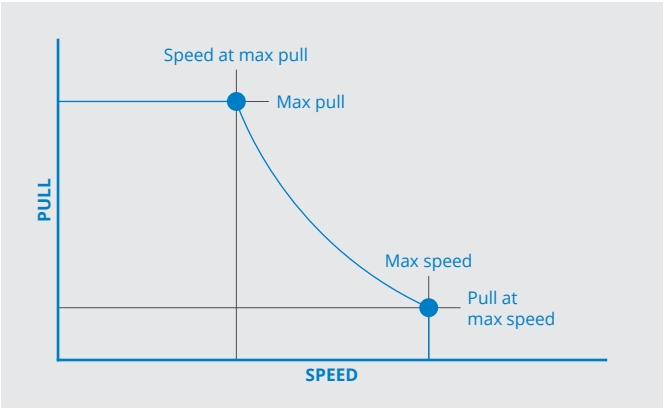
POWER UNIT

Diesel engine: Stage 4, tier 4f and Stage 5 ready for EU & US market.
Each machine is also available with engine equivalent to the previous Stage emission level for markets where ultra high grade fuel is not available.
Integral cover of the whole power unit and modularity in single components.

Integral Cover
The integral cover of the whole power unit grants:

- Best protection of all the installed components.
- Reduction of noise emission.

Modular design and standardized components reduces spare parts and simplifies maintenance.



PERFORMANCE

Operating pull vs speed.
Unique hydraulic circuit for stepless speed variation.
Automatic management of the diesel engine for highest possible operating speed depending on work conditions.

MOBILITY

Two travel configurations.
The machine layout allows the installation of rigid or road axles configurations.
Road axle with EU type approved is available.

PL1250

DIGITAL PULLER

MAX PULL	MAX SPEED	ROPE DIAMETER
50 kN	5 km/h	16 mm

NEW TESMEC DIGITAL HMI:
7" color display.
Radio remote control.
Data Recorder.

AUTOMATIC REEL WINDER

INTEGRATED COVERS

+ SIMPLE **+ SAFE** **+ RELIABLE**

PERFORMANCE

Max pull	50 kN
Speed at max pull	2 km/h
Max speed	5 km/h
Pull at max speed	17 kN

HYDRAULIC TRANSMISSION

Closed hydraulic with pull pre-setting system that automatically adjust pulling speed.

CHARACTERISTICS

Bull-wheel diameter	400 mm
Bull-wheel material	STEEL
Max rope diameter	16 mm
Weight (without rope)	2500 kg
Number of grooves	7
Suitable for	1 rope
Layout	Single

ENGINE

Diesel	55,4 kW (74 hp)
Cooling system	WATER
Electrical system	12 V

CONFIGURATION

New Tesmec digital HMI.
Automatic reel winder.
Lockable sound proof integrated covers.

Rope clamp for reel change.
Negative self-acting hydraulic brake.
Rigid axle 30 km/h.
Grounding connection point.
Hydraulic front stabilizers.
On board automatic reel winder with level wind, for reel mod. BOF010 and BOF020.
Reel shaft AXR001.

AVAILABLE DEVICES

ALL037	Preheating device up to -30°C.
ALL089	Electronic connection and synchronization between machines.
ALL111	Swivel guide rope roller.
ALL112	Trailer 80 km/h. **EC type-approved for road circulation** with hook Ø 40 mm and lighting system.
ALL261	External printer.
ALL270	Remote Diagnostic system with GPS localization including 3-year subscription.
ALL280	Automatic grease pump.
AXR001	Extra shaft.

7" COLOR DISPLAY

RADIO REMOTE CONTROL

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

PL1450

DIGITAL PULLER

MAX PULL	MAX SPEED	ROPE DIAMETER
100 kN	4,5 km/h	21 mm

NEW TESMEC DIGITAL HMI:
7" color display.
Radio remote control.
Data Recorder.

AUTOMATIC REEL WINDER

INTEGRATED COVERS

+ SIMPLE **+ SAFE** **+ RELIABLE**

PERFORMANCE

Max pull	100 kN
Speed at max pull	2,5 km/h
Max speed	4,5 km/h
Pull at max speed	53 kN

HYDRAULIC TRANSMISSION

Closed hydraulic with pull pre-setting system that automatically adjust pulling speed.

CHARACTERISTICS

Bull-wheel diameter	525 mm
Bull-wheel material	STEEL
Max rope diameter	21 mm
Weight (without rope)	4300 kg
Number of grooves	9
Suitable for	1 rope
Layout	Single

ENGINE

Diesel	105 kW (140 hp)
Cooling system	WATER
Electrical system	24 V

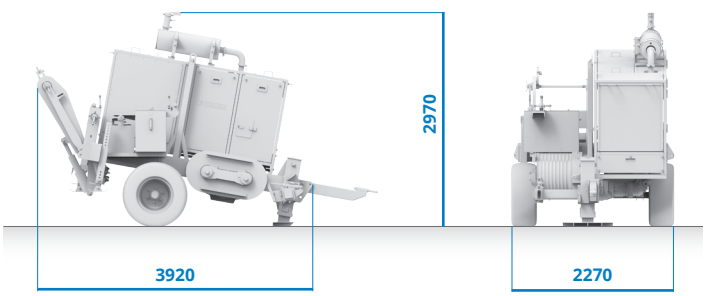
CONFIGURATION

New Tesmec digital HMI.
Automatic reel winder.
Lockable sound proof integrated covers.

Rope clamp for reel change.
Negative self-acting hydraulic brake.
Rigid axle 30 km/h.
Grounding connection point.
Hydraulic front stabilizers.
On board automatic reel winder with level wind, for reel mod. BOF010 and BOF020.
Reel shaft AXR001.

AVAILABLE DEVICES

ALL037	Preheating device up to -30°C.
ALL089	Electronic connection and synchronization between machines.
ALL111	Swivel guide rope roller.
ALL112	Trailer 80 km/h. **EC type-approved for road circulation** with hook Ø 40 mm and lighting system.
ALL261	External printer.
ALL270	Remote Diagnostic system with GPS localization including 3-year subscription.
ALL280	Automatic grease pump.
AXR001	Extra shaft.



7" COLOR DISPLAY

RADIO REMOTE CONTROL

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Certified Health & Safety System ISO 45001:2018

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PL1700

DIGITAL PULLER

MAX PULL	MAX SPEED	ROPE DIAMETER
160 kN	4,5 km/h	28 mm

NEW TESMEC DIGITAL HMI:
7" color display.
Radio remote control.
Data Recorder.

AUTOMATIC REEL WINDER

INTEGRATED COVERS

+ SIMPLE **+ SAFE** **+ RELIABLE**

PERFORMANCE

Max pull	160 kN
Speed at max pull	2,8 km/h
Max speed	4,5 km/h
Pull at max speed	105 kN

HYDRAULIC TRANSMISSION

Closed hydraulic with pull pre-setting system that automatically adjust pulling speed.

CHARACTERISTICS

Bull-wheel diameter	700 mm
Bull-wheel material	STEEL
Max rope diameter	28 mm
Weight (without rope)	7200 kg
Number of grooves	10
Suitable for	1 rope
Layout	Single

ENGINE

Diesel	210 kW (281 hp)
Cooling system	WATER
Electrical system	24 V

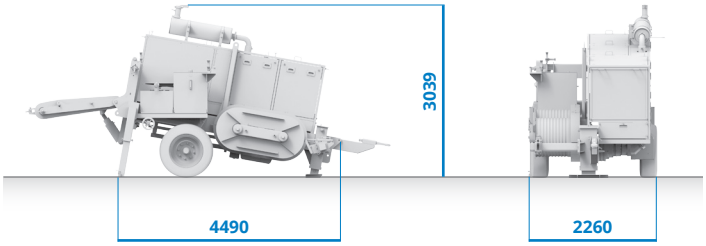
CONFIGURATION

New Tesmec digital HMI.
Automatic reel winder.
Lockable sound proof integrated covers.

Rope clamp for reel change.
Negative self-acting hydraulic brake.
Rigid axle 30 km/h.
Grounding connection point.
Hydraulic front stabilizers.
On board automatic reel winder with level wind, for reel mod. BOF020 and BOF030.
Reel shaft AXR002.

AVAILABLE DEVICES

ALL037	Preheating device up to -30°C.
ALL089	Electronic connection and synchronization between machines.
ALL111	Swivel guide rope roller.
ALL261	External printer.
ALL270	Remote Diagnostic system with GPS localization including 3-year subscription.
ALL280	Automatic grease pump.
AXR002	Extra shaft.



7" COLOR DISPLAY

RADIO REMOTE CONTROL

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PL1750

DIGITAL PULLER

MAX PULL	MAX SPEED	ROPE DIAMETER
180 kN	4,5 km/h	28 mm

NEW TESMEC DIGITAL HMI:
7" color display.
Radio remote control.
Data Recorder.

AUTOMATIC REEL WINDER

INTEGRATED COVERS

+ SIMPLE **+ SAFE** **+ RELIABLE**

PERFORMANCE

Max pull	180 kN
Speed at max pull	2,5 km/h
Max speed	4,5 km/h
Pull at max speed	105 kN

HYDRAULIC TRANSMISSION

Closed hydraulic with pull pre-setting system that automatically adjust pulling speed.

CHARACTERISTICS

Bull-wheel diameter	700 mm
Bull-wheel material	STEEL
Max rope diameter	28 mm
Weight (without rope)	7200 kg
Number of grooves	10
Suitable for	1 rope
Layout	Single

ENGINE

Diesel	210 kW (281 hp)
Cooling system	WATER
Electrical system	24 V

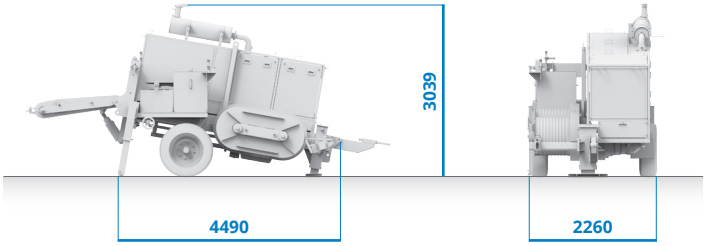
CONFIGURATION

New Tesmec digital HMI.
Automatic reel winder.
Lockable sound proof integrated covers.

Rope clamp for reel change.
Negative self-acting hydraulic brake.
Rigid axle 30 km/h.
Grounding connection point.
Hydraulic front stabilizers.
On board automatic reel winder with level wind, for reel mod. BOF020 and BOF030.
Reel shaft AXR002.

AVAILABLE DEVICES

ALL037	Preheating device up to -30°C.
ALL089	Electronic connection and synchronization between machines.
ALL111	Swivel guide rope roller.
ALL261	External printer.
ALL270	Remote Diagnostic system with GPS localization including 3-year subscription.
ALL280	Automatic grease pump.
AXR002	Extra shaft.



7" COLOR DISPLAY

RADIO REMOTE CONTROL

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TN1200

DIGITAL TENSIONER

MAX TENSION	MAX SPEED	CONDUCTOR DIAMETER
40 kN	5 km/h	42 mm

NEW TESMEC DIGITAL HMI:
7" color display.
Radio remote control.
Data Recorder.

INTEGRATED COVERS

ROPE CLAMP

+ SIMPLE **+ SAFE** **+ RELIABLE**

PERFORMANCE

Max tension	40 kN
Speed at max tension	3 km/h
Max speed	5 km/h
Max pull back	40 kN

HYDRAULIC TRANSMISSION

Half closed hydraulic circuit with tension pre-setting system.

CHARACTERISTICS

Bull-wheel diameter	1500 mm
Bull-wheel material	NYLON
Max conductor diameter	42 mm
Weight	3250 kg
Number of grooves	6
Suitable for	1 conductor
Layout	Single

ENGINE

Diesel	25 kW (34 hp)
Cooling system	WATER
Electrical system	12 V

CONFIGURATION

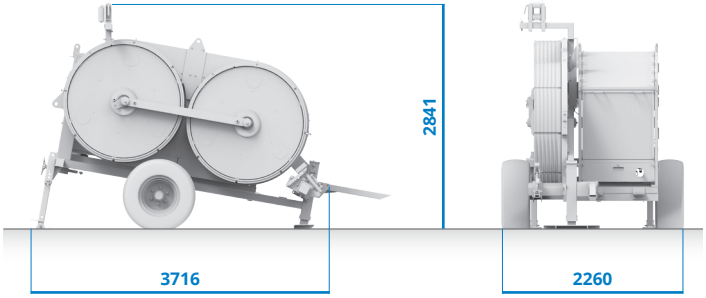
New Tesmec digital HMI.
Lockable sound proof integrated covers.
Rope clamp for reel change.

Negative self-acting hydraulic brake.
Rigid axle 30 km/h.
Grounding connection point.
Hydraulic front stabilizers.
Power pack to control 1 reel stand or 1 reel winder.

Gearbox with 3 operating positions:
+ Neutral position (with free bull-wheels for conductor loading and unloading).
+ Low tension position (1 ÷ 7 kN).
+ Nominal tension position.

AVAILABLE DEVICES

ALL005	Hydraulic power for compressor.
ALL037	Preheating device up to -30°C.
ALL080	Special kit for 2 conductors up to Ø 31mm.
ALL089	Electronic connection and synchronization between machines.
ALL112	Trailer 80 km/h. **EC type-approved for road circulation** with hook Ø 40 mm and lighting system.
ALL261	External printer.
ALL270	Remote Diagnostic system with GPS localization including 3-year subscription.
ALL280	Automatic grease pump.



7" COLOR DISPLAY

RADIO REMOTE CONTROL

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TN1350

DIGITAL TENSIONER

MAX TENSION	MAX SPEED	CONDUCTOR DIAMETER
80 kN	5 km/h	42 mm

NEW TESMEC DIGITAL HMI:
7" color display.
Radio remote control.
Data Recorder.

INTEGRATED COVERS

ROPE CLAMP

+ SIMPLE **+ SAFE** **+ RELIABLE**

PERFORMANCE

Max tension	80 kN
Speed at max tension	3 km/h
Max speed	5 km/h
Max pull back	80 kN

HYDRAULIC TRANSMISSION

Half closed hydraulic circuit with tension pre-setting system.

CHARACTERISTICS

Bull-wheel diameter	1500 mm
Bull-wheel material	NYLON
Max conductor diameter	42 mm
Weight	4950 kg
Number of grooves	10
Suitable for	2 conductors
Layout	Single

ENGINE

Diesel	25 kW (34 hp)
Cooling system	WATER
Electrical system	12 V

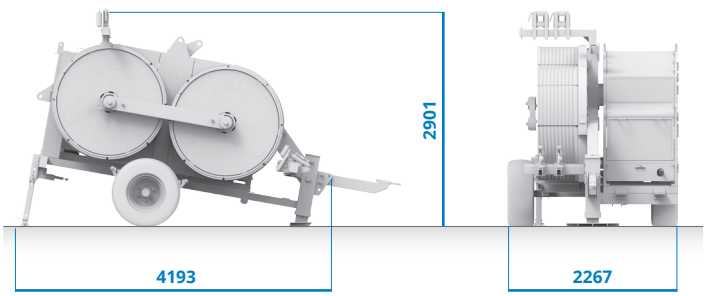
CONFIGURATION

New Tesmec digital HMI.
Lockable sound proof integrated covers.
Rope clamp for reel change.

Negative self-acting hydraulic brake.
Rigid axle 30 km/h.
Grounding connection point.
Hydraulic front stabilizers.
Power pack to control 2 reel stands or 2 reel winders.

AVAILABLE DEVICES

ALL005	Hydraulic power for compressor.
ALL037	Preheating device up to -30°C.
ALL080	Special kit for 3 conductors up to Ø 34mm.
ALL087	Low tension device.
ALL089	Electronic connection and synchronization between machines.
ALL112	Trailer 80 km/h. **EC type-approved for road circulation** with hook Ø 40 mm and lighting system.
ALL261	External printer.
ALL270	Remote Diagnostic system with GPS localization including 3-year subscription.
ALL280	Automatic grease pump.



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RADIO REMOTE CONTROL

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TN2350

DIGITAL TENSIONER

MAX TENSION	MAX SPEED	CONDUCTOR DIAMETER
2x40 kN	5 km/h	42 mm

NEW TESMEC DIGITAL HMI:
7" color display.
Radio remote control.
Data Recorder.

INTEGRATED COVERS

ROPE CLAMP

+ SIMPLE **+ SAFE** **+ RELIABLE**

PERFORMANCE

Max tension	2x40 kN / 1x80kN
Speed at max tension	3 km/h
Max speed	5 km/h
Max pull back	2x40 kN / 1x80kN

HYDRAULIC TRANSMISSION

Half closed hydraulic circuit with tension pre-setting system.

CHARACTERISTICS

Bull-wheel diameter	1500 mm
Bull-wheel material	NYLON
Max conductor diameter	42 mm
Max rope diameter	21 mm
Weight	7000 kg
Number of grooves	12
Suitable for	2 conductors
Layout	Twin

ENGINE

Diesel	55,4 kW (140 hp)
Cooling system	WATER
Electrical system	12 V

CONFIGURATION

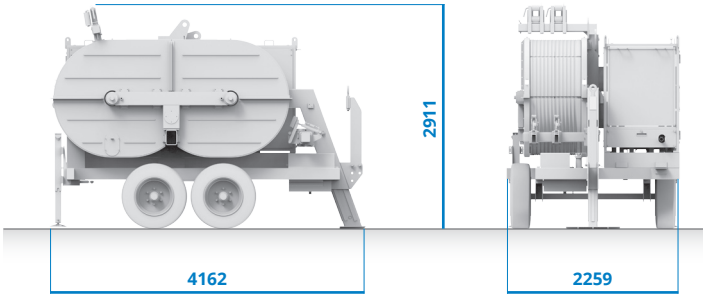
New Tesmec digital HMI.
Lockable sound proof integrated covers.
Rope clamp for reel change.

Negative self-acting hydraulic brake.
Rigid axle 30 km/h.
Grounding connection point.
Hydraulic front stabilizers.
Power pack to control 2 reel stands or 2 reel winders.

Gearbox with 3 operating positions on 1 circuit:
+ Neutral position (with free bull-wheels for conductor loading and unloading).
+ Low tension position (1 ÷ 7 kN).
+ Nominal tension position.

AVAILABLE DEVICES

ALL005	Hydraulic power for compressor.
ALL037	Preheating device up to -30°C.
ALL089	Electronic connection and synchronization between machines.
ALL112	Trailer 80 km/h. **EC type-approved for road circulation** with hook Ø 40 mm and lighting system.
ALL261	External printer.
ALL270	Remote Diagnostic system with GPS localization including 3-year subscription.
ALL280	Automatic grease pump.



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RADIO REMOTE CONTROL

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TN2600

DIGITAL TENSIONER

MAX TENSION	MAX SPEED	CONDUCTOR DIAMETER
2x70 kN	5 km/h	51 mm

NEW TESMEC DIGITAL HMI:
7" color display.
Radio remote control.
Data Recorder.

INTEGRATED COVERS

ROPE CLAMP

+ SIMPLE **+ SAFE** **+ RELIABLE**

PERFORMANCE

Max tension	2x70 kN / 1x140kN
Speed at max tension	3 km/h
Max speed	5 km/h
Max pull back	2x70 kN / 1x140kN

HYDRAULIC TRANSMISSION

Half closed hydraulic circuit with tension pre-setting system.

CHARACTERISTICS

Bull-wheel diameter	1800 mm
Bull-wheel material	NYLON
Max conductor diameter	51 mm
Max rope diameter	25 mm
Weight	10000 kg
Number of grooves	12
Suitable for	2 conductors
Layout	Twin

ENGINE

Diesel	55,4 kW (140 hp)
Cooling system	WATER
Electrical system	12 V

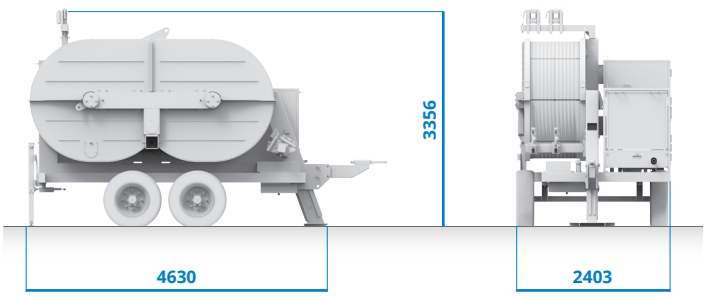
CONFIGURATION

New Tesmec digital HMI.
Lockable sound proof integrated covers.

Rope clamp for reel change.
Negative self-acting hydraulic brake.
Rigid axle 30 km/h.
Grounding connection point.
Hydraulic front stabilizers.
Power pack to control 2 reel stands or 2 reel winders.

AVAILABLE DEVICES

ALL005	Hydraulic power for compressor.
ALL037	Preheating device up to -30°C.
ALL087	Low tension device.
ALL089	Electronic connection and synchronization between machines.
ALL112	Trailer 80 km/h. **EC type-approved for road circulation** with hook Ø 40 mm and lighting system.
ALL261	External printer.
ALL270	Remote Diagnostic system with GPS localization including 3-year subscription.
ALL280	Automatic grease pump.



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RADIO REMOTE CONTROL

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TN1700

DIGITAL TENSIONER

MAX TENSION	MAX SPEED	CONDUCTOR DIAMETER
160 kN	4,5 km/h	42 mm

NEW TESMEC DIGITAL HMI:
7" color display.
Radio remote control.
Data Recorder.

INTEGRATED COVERS

AVAILABLE FOR ROAD USE

+ SIMPLE **+ SAFE** **+ RELIABLE**

PERFORMANCE

Max tension	160 kN
Speed at max tension	3,3 km/h
Max speed	4,5 km/h
Max pull back	160 kN

HYDRAULIC TRANSMISSION

Half closed hydraulic circuit with tension pre-setting system.

CHARACTERISTICS

Bull-wheel diameter	1500 mm
Bull-wheel material	NYLON
Max conductor diameter	42 mm
Weight	9000 kg
Number of grooves	16
Suitable for	**4 conductors**
Layout	Single

ENGINE

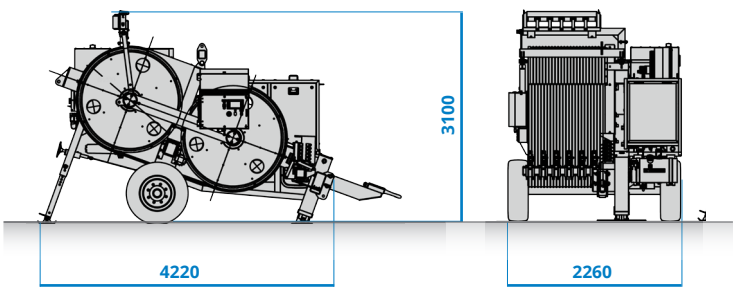
Diesel	55,4 kW (74 hp)
Cooling system	WATER
Electrical system	24 V

CONFIGURATION

New Tesmec digital HMI.
Lockable sound proof integrated covers.
Rope clamp for reel change.
Negative self-acting hydraulic brake.
Rigid axle 30 km/h.
Grounding connection point.
Hydraulic front stabiliser.
Hydraulic power pack to control 6 reel stands with hydraulic head or 6 reel winders.

AVAILABLE DEVICES

ALL005	Hydraulic power for compressor.
ALL037	Preheating device up to -30°C.
ALL080	Special kit for 6 conductors up to Ø 29 mm.
ALL089	Electronic connection and synchronization between machines.
ALL261	External printer.
ALL270	Remote Diagnostic system with GPS localization including 3-year subscription.
ALL280	Automatic grease pump.



7" COLOR DISPLAY

RADIO REMOTE CONTROL

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

PT1250

DIGITAL PULLER TENSIONER

MAX PULL/TENSION	MAX SPEED	CONDUCTOR DIAMETER
50 kN	5 km/h	42 mm

NEW TESMEC DIGITAL HMI:
7" color display.
Radio remote control.
Data Recorder.

INTEGRATED COVERS

AVAILABLE FOR ROAD USE

+ SIMPLE **+ SAFE** **+ RELIABLE**

PERFORMANCE

Max pull	50 kN
Speed at max pull	1,5 km/h
Max speed	5 km/h
Pull at max speed	16 kN

HYDRAULIC TRANSMISSION

Closed hydraulic with pull pre-setting system that automatically adjust pulling speed.

CHARACTERISTICS

Bull-wheel diameter	1500 mm
Bull-wheel material	NYLON
Max conductor diameter	42 mm
Max rope diameter	16 mm
Weight	3650 kg
Number of grooves	6
Suitable for	1 rope/conductor
Layout	Single

ENGINE

Diesel	55,4 kW (74 hp)
Cooling system	WATER
Electrical system	12 V

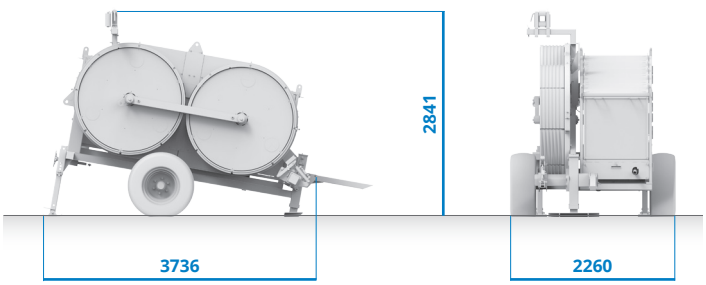
CONFIGURATION

New Tesmec digital HMI.
Lockable sound proof integrated covers.
Rope clamp for reel change.
Negative self-acting hydraulic brake.
Rigid axle 30 km/h.
Grounding connection point.
Hydraulic front stabilizers.
Power pack to control 1 reel stands with hydraulic head or 1 reel winders.

Gearbox with 3 operating positions:
+ Neutral position (with free bull-wheels for conductor loading and unloading).
+ Low tension position:
  - 2 ÷ 12 kN as tensioner
  - 0 ÷ 7 kN as puller
+ Nominal tension position.

AVAILABLE DEVICES

ALL005	Hydraulic power for compressor.
ALL037	Preheating device up to -30°C.
ALL080	Special kit for 2 conductors up to Ø 31mm.
ALL089	Electronic connection and synchronization between machines.
ALL112	Trailer 80 km/h. **EC type-approved for road circulation** with hook Ø 40 mm and lighting system.
ALL261	External printer.
ALL270	Remote Diagnostic system with GPS localization including 3-year subscription.
ALL280	Automatic grease pump.



7" COLOR DISPLAY

RADIO REMOTE CONTROL

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PT1450

DIGITAL PULLER TENSIONER

MAX PULL/TENSION	MAX SPEED	CONDUCTOR DIAMETER
100 kN	4,5 km/h	42 mm

NEW TESMEC DIGITAL HMI:
7" color display.
Radio remote control.
Data Recorder.

INTEGRATED COVERS

AVAILABLE FOR ROAD USE

+ SIMPLE + SAFE + RELIABLE

PERFORMANCE

Max pull / tension	100 kN
Speed at max pull / tension	2 km/h
Max speed	4,5 km/h
Pull / tension at max speed	46 kN

HYDRAULIC TRANSMISSION

Closed hydraulic with pull pre-setting system that automatically adjust pulling speed.

CHARACTERISTICS

Bull-wheel diameter	1500 mm
Bull-wheel material	NYLON
Max conductor diameter	42 mm
Max rope diameter	21 mm
Weight	5800 kg
Number of grooves	10
Suitable for	2 ropes/conductors
Layout	Single

ENGINE

Diesel	105 kW (140 hp)
Cooling system	WATER
Electrical system	24 V

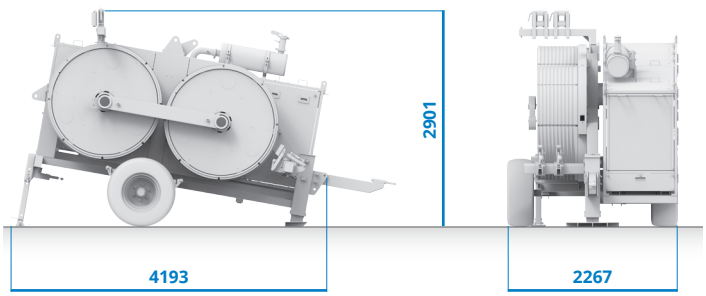
CONFIGURATION

New Tesmec digital HMI.
Automatic reel winder.
Lockable sound proof integrated covers.

Rope clamp for reel change.
Negative self-acting hydraulic brake.
Rigid axle 30 km/h.
Grounding connection point.
Hydraulic front stabilizers.
Power pack to control 2 reel stands or 2 reel winders.

AVAILABLE DEVICES

ALL005	Hydraulic power for compressor.
ALL037	Preheating device up to -30°C.
ALL080	Special kit for 3 conductors up to Ø 34mm.
ALL087	Low tension device.
ALL089	Electronic connection and synchronization between machines.
ALL112	Trailer 80 km/h. **EC type-approved for road circulation** with hook Ø 40 mm and lighting system.
ALL261	External printer.
ALL270	Remote Diagnostic system with GPS localization including 3-year subscription.
ALL280	Automatic grease pump.



7" COLOR DISPLAY

RADIO REMOTE CONTROL

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PT2450

DIGITAL PULLER TENSIONER

MAX PULL/TENSION	MAX SPEED	CONDUCTOR DIAMETER
2x50 kN	5 km/h	42 mm

NEW TESMEC DIGITAL HMI:
7" color display.
Radio remote control.
Data Recorder.

INTEGRATED COVERS

AVAILABLE FOR ROAD USE

+ SIMPLE **+ SAFE** **+ RELIABLE**

PERFORMANCE

Max pull / tension	2x50 kN / 1x100kN
Speed at max pull / tension	2 km/h
Max speed	5 km/h
Pull / tension at max speed	2x20 kN

HYDRAULIC TRANSMISSION

Closed hydraulic with pull pre-setting system that automatically adjust pulling speed.

CHARACTERISTICS

Bull-wheel diameter	1500 mm
Bull-wheel diameter	NYLON
Max conductor diameter	42 mm
Max rope diameter	21 mm
Weight	8000 kg
Number of grooves	12
Suitable for	2 ropes/conductors
Layout	Twin

ENGINE

Diesel	105 kW (140 hp)
Cooling system	WATER
Electrical system	24 V

CONFIGURATION

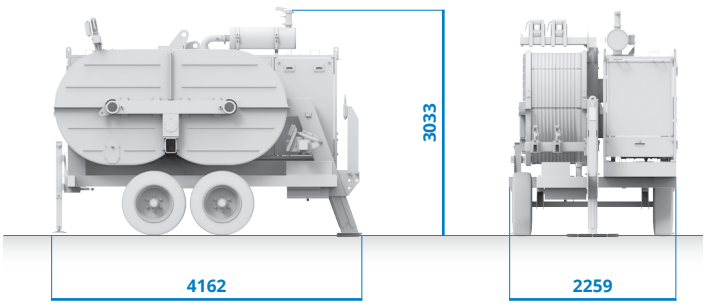
New Tesmec digital HMI.
Automatic reel winder.
Lockable sound proof integrated covers.

Rope clamp for reel change.
Negative self-acting hydraulic brake.
Rigid axle 30 km/h.
Grounding connection point.
Hydraulic front stabilizers.
Power pack to control 2 reel stands or 2 reel winders.

Gearbox with 3 operating positions on 1 circuit:
+ Neutral position (with free bull-wheels for conductor loading and unloading).
+ Low tension position:
  - 4 ÷ 17 kN as tensioner
  - 0 ÷ 17 kN as puller
+ Nominal tension position.

AVAILABLE DEVICES

ALL005	Hydraulic power for compressor.
ALL037	Preheating device up to -30°C.
ALL089	Electronic connection and synchronization between machines.
ALL112	Trailer 80 km/h. **EC type-approved for road circulation** with hook Ø 40 mm and lighting system.
ALL261	External printer.
ALL270	Remote Diagnostic system with GPS localization including 3-year subscription.
ALL280	Automatic grease pump.



7" COLOR DISPLAY

RADIO REMOTE CONTROL

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PT1600

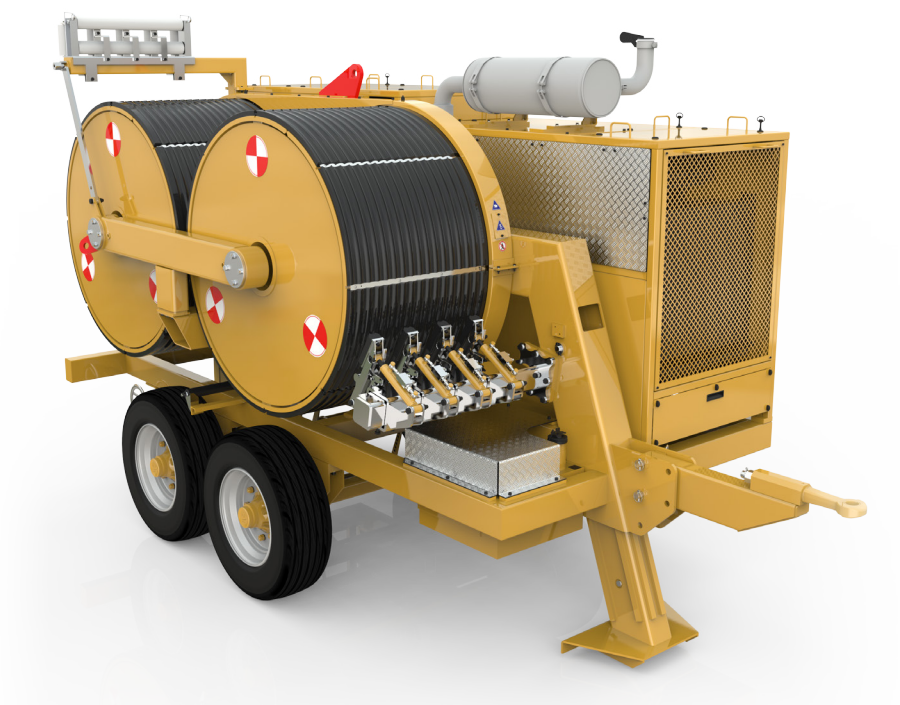
DIGITAL PULLER TENSIONER

MAX PULL/TENSION	MAX SPEED	CONDUCTOR DIAMETER
140 kN	4,5 km/h	42 mm

NEW TESMEC DIGITAL HMI:
7" color display.
Radio remote control.
Data Recorder.

INTEGRATED COVERS

AVAILABLE FOR ROAD USE



+ SIMPLE **+ SAFE** **+ RELIABLE**

PERFORMANCE

Max pull / tension	140 kN
Speed at max pull / tension	1,6 km/h
Max speed	4,5 km/h
Pull / tension at max speed	50 kN

HYDRAULIC TRANSMISSION

Closed hydraulic with pull pre-setting system that automatically adjust pulling speed.

CHARACTERISTICS

Bull-wheel diameter	1500 mm
Bull-wheel material	NYLON
Max conductor diameter	42 mm
Max rope diameter	25 mm
Weight	9000 kg
Number of grooves	16
Suitable for	4 ropes/ conductors
Layout	Single

ENGINE

Diesel	129 kW (145 hp)
Cooling system	WATER
Electrical system	24 V

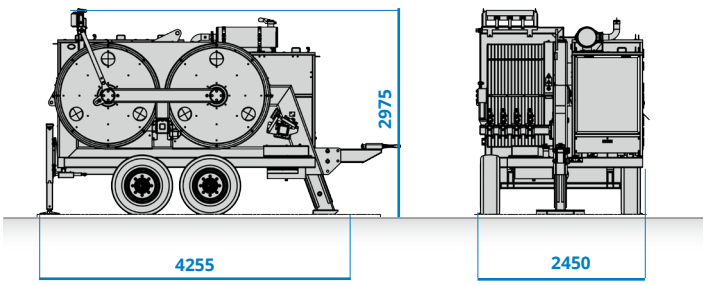
CONFIGURATION

New Tesmec digital HMI.
Automatic reel winder.
Lockable sound proof integrated covers.

Rope clamp for reel change.
Negative self-acting hydraulic brake.
Rigid axle 30 km/h.
Grounding connection point.
Hydraulic front stabilizers.
Power pack to control 4 reel stands or 4 reel winders.

AVAILABLE DEVICES

ALL005	Hydraulic power for compressor.
ALL037	Preheating device up to -30°C.
ALL089	Electronic connection and synchronization between machines.
ALL112	Trailer 80 km/h. **EC type-approved for road circulation** with hook Ø 40 mm and lighting system.
ALL261	External printer.
ALL270	Remote Diagnostic system with GPS localization including 3-year subscription.
ALL280	Automatic grease pump.



7" COLOR DISPLAY

RADIO REMOTE CONTROL

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PT2600

DIGITAL PULLER TENSIONER

MAX PULL/TENSION	MAX SPEED	CONDUCTOR DIAMETER
2x70 kN	5 km/h	51 mm

NEW TESMEC DIGITAL HMI:
7" color display.
Radio remote control.
Data Recorder.

INTEGRATED COVERS

AVAILABLE FOR ROAD USE

+ SIMPLE **+ SAFE** **+ RELIABLE**

PERFORMANCE

Max pull / tension	2x70 kN / 1x140 kN
Speed at max pull / tension	2 km/h
Max speed	5 km/h
Pull / tension at max speed	2x25 kN

HYDRAULIC TRANSMISSION

Closed hydraulic with pull pre-setting system that automatically adjust pulling speed.

CHARACTERISTICS

Bull-wheel diameter	1800 mm
Bull-wheel material	NYLON
Max conductor diameter	51 mm
Max rope diameter	25 mm
Weight	11000 kg
Number of grooves	12
Suitable for	2 ropes/conductors
Layout	Twin

ENGINE

Diesel	129 kW (175 hp)
Cooling system	WATER
Electrical system	24 V

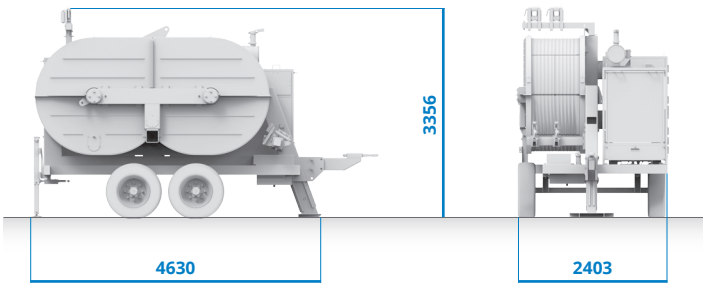
CONFIGURATION

New Tesmec digital HMI.
Automatic reel winder.
Lockable sound proof integrated covers.

Rope clamp for reel change.
Negative self-acting hydraulic brake.
Rigid axle 30 km/h.
Grounding connection point.
Hydraulic front stabilizers.
Power pack to control 2 reel stands or 2 reel winders.

AVAILABLE DEVICES

ALL005	Hydraulic power for compressor.
ALL037	Preheating device up to -30°C.
ALL087	Low tension device.
ALL089	Electronic connection and synchronization between machines.
ALL112	Trailer 80 km/h. **EC type-approved for road circulation** with hook Ø 40 mm and lighting system.
ALL261	External printer.
ALL270	Remote Diagnostic system with GPS localization including 3-year subscription.
ALL280	Automatic grease pump.



7" COLOR DISPLAY

RADIO REMOTE CONTROL

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PL1350

DIGITAL PULLER

MAX PULL	MAX SPEED	ROPE DIAMETER
70 kN	4,2 km/h	21 mm

Bull-wheel diameter	525 mm
Weight	4300 kg
Diesel	75 kW (102 hp)
Speed at max pull	1,9 kN
Suitable for	1 rope
Layout	Single

PL1751

DIGITAL PULLER

MAX PULL	MAX SPEED	ROPE DIAMETER
190 kN	4,5 km/h	28 mm

Bull-wheel diameter	700 mm
Weight	7200 kg
Diesel	210 kW (281 hp)
Speed at max pull	2,3 kN
Suitable for	1 rope
Layout	Single

TN140X

DIGITAL TENSIONER

MAX PULL	MAX SPEED	CONDUCTOR DIAMETER
90 kN	5 km/h	42 mm

Bull-wheel diameter	1500 mm
Weight	5100 kg
Diesel	55 kW (75 hp)
Speed at max pull	3 km/h
Suitable for	2 conductors
Layout	Single

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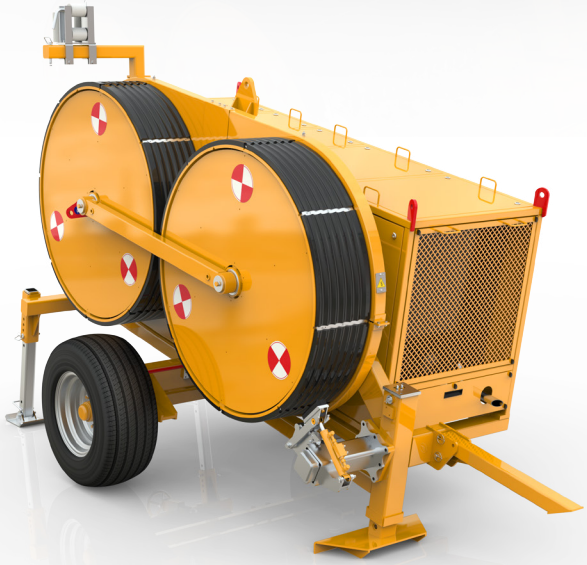
TN1750

DIGITAL TENSIONER

MAX PULL	MAX SPEED	CONDUCTOR DIAMETER
180 kN	4,5 km/h	38 mm

Bull-wheel diameter	1500 mm
Weight	9000 kg
Diesel	55,4 kW (74 hp)
Speed at max pull	3 km/h
Suitable for	6 conductors
Layout	Single



PT1252

DIGITAL PULLER-TENSIONER

MAX PULL/TENSION	MAX SPEED	CONDUCTOR DIAMETER
50 kN	5 km/h	51 mm

Bull-wheel diameter	1800 mm
Weight	4200 kg
Diesel	55,4 kW (74 hp)
Speed at max pull/tension	1,5 km/h
Suitable for	1 rope/ conductor
Layout	Single

PT1300

DIGITAL PULLER-TENSIONER

MAX PULL/TENSION	MAX SPEED	CONDUCTOR DIAMETER
65 kN	5 km/h	31 mm

Bull-wheel diameter	1500 mm
Weight	4300 kg
Diesel	75 kW (102 hp)
Speed at max pull/tension	1,8 km/h
Suitable for	2 ropes/ conductors
Layout	Single

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PT1350

DIGITAL PULLER-TENSIONER

MAX PULL/TENSION	MAX SPEED	CONDUCTOR DIAMETER
70 kN	4,2 km/h	42 mm

Bull-wheel diameter	1500 mm
Weight	5300 kg
Diesel	75 kW (102 hp)
Speed at max pull/tension	1,9 km/h
Suitable for	2 ropes/ conductors
Layout	Single

PT1451

DIGITAL PULLER-TENSIONER

MAX PULL/TENSION	MAX SPEED	CONDUCTOR DIAMETER
100 kN	4,5 km/h	51 mm

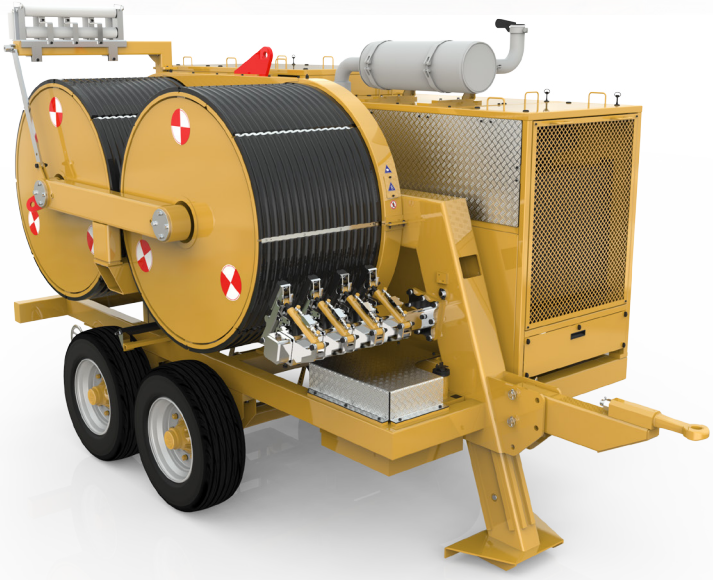
Bull-wheel diameter	1800 mm
Weight	9000 kg
Diesel	105 kW (175 hp)
Speed at max pull/tension	2 km/h
Suitable for	2 ropes/ conductors
Layout	Single

PT1601

DIGITAL PULLER-TENSIONER

MAX PULL/TENSION	MAX SPEED	CONDUCTOR DIAMETER
140 kN	4 km/h	51 mm

Bull-wheel diameter	1800 mm
Weight	9000 kg
Diesel	129 kW (175 hp)
Speed at max pull/tension	1,8 km/h
Suitable for	3 ropes/ conductors
Layout	Single



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