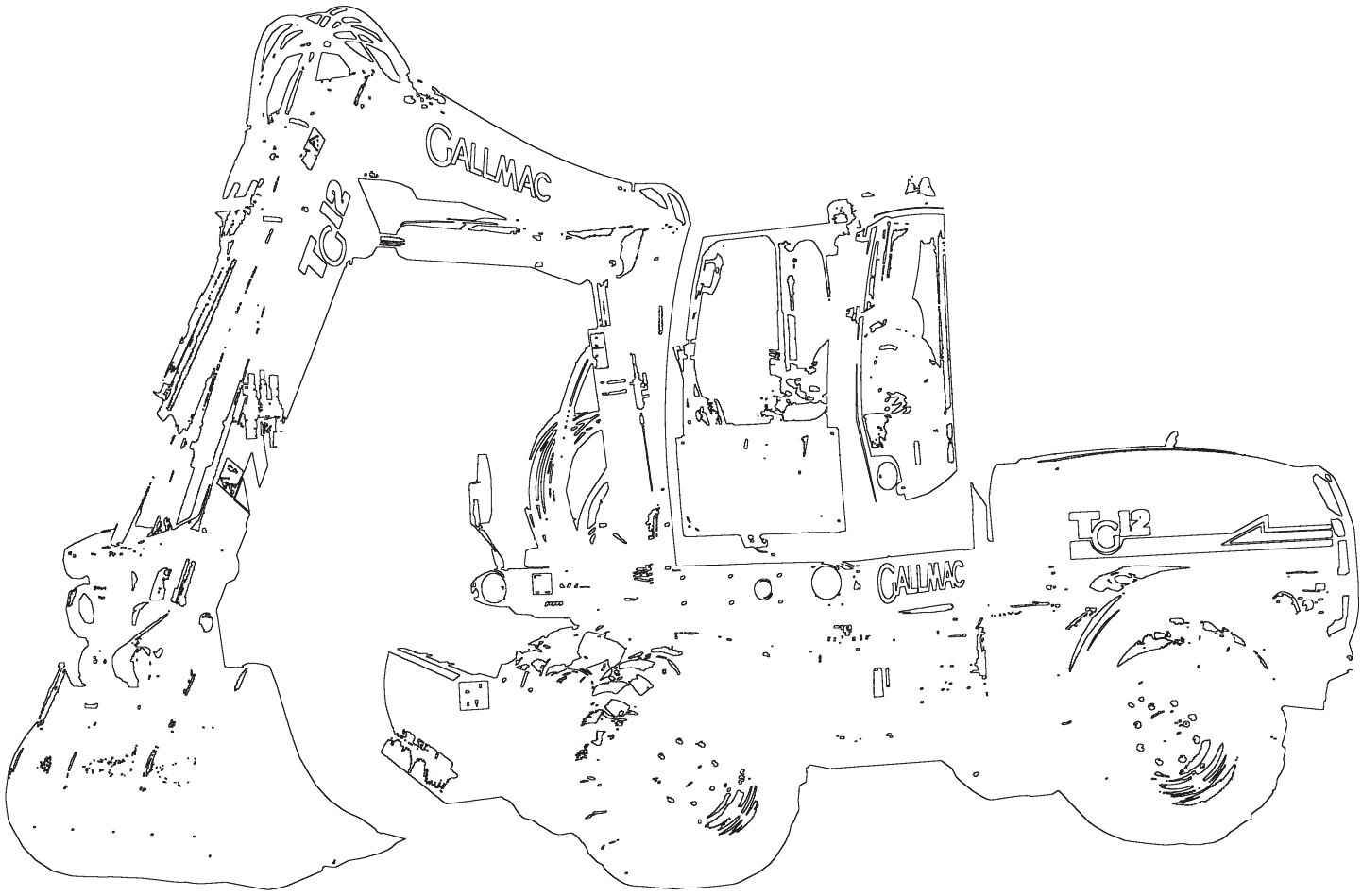
MACHINES



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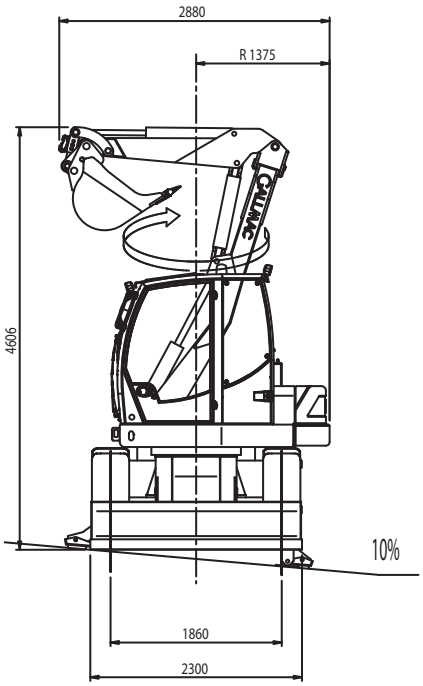
GALLMAC

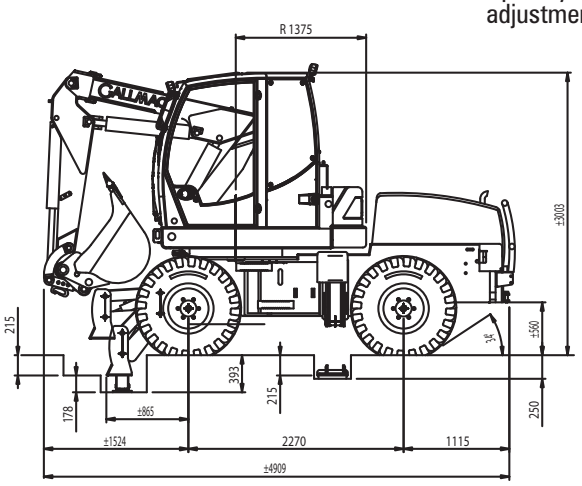
Wheeled Multifunction Machine
TG10

Gallmac machines are building site service vehicles specially designed for maximum efficiency in areas where space is limited such as town centers, along one-lane roads, or on work sites with limited maneuverability.

The extreme versatility allows on-site work to be performed using just one machine instead of several single purpose equipment.

The turret of the machine has 360° stepless rotation and remains within the overall dimensions of the machine when outriggers are in working conditions.
The articulated boom's lateral digging ability is also used to enhance tool changing capacity, and the quick connect/disconnect hydraulic couplings enable quick power tool changing.





Performance

Traction force	5700 daN
Max speed	30 km/h
Max flow (arm mov. circuit)	156 l/min
Pressure (arm mov. circuit)	270 bar

Note: the max speed may change according to tires and configuration

Characteristics

Max height	3003 mm
Max width	2300 mm
Max length	4909 mm
Mass	9600 kg

Engine

Diesel	74.5 kW (100 hp)
Cooling system	water
Electrical system	12 V

Hydraulic Transmission

Closed hydraulic circuit for hydrostatic drive with variable displacement pump/motor and "automotive" adjustment.
Open hydraulic circuit with load sensing adjustment.

Configuration

Seat with mechanical suspension

Stabilizing / leveling blade

Load sensing proportional valves for simultaneous movements

Safety valves on all cylinders to prevent boom falls

2 steering axles allow 3 steering mode: on the rear wheels for road mode, four wheel steer to reduce the turning radius, crab steering

Swinging rear axles provided with 45% self-locking differential

Swinging rear axle blocking device

Hydraulic wet disc brake with 4 friction plates

Parking brakes spring apply and automatic hydraulic release

Cab with Rops and Fops structure

Overload buzzer

Backward drive buzzer

Independent oil fired heating system (4 kW)

Side excavating hydraulic system 35° left - 25° right

Bucket link with lifting hook (5 ton)

Manual Centralized greasing (n° 4 points)

1° Auxiliary hydraulic line with quick couplings

Vertical exhaust discharge

Tires 16/70- R20

Quick hydraulic coupling for equipment replacement

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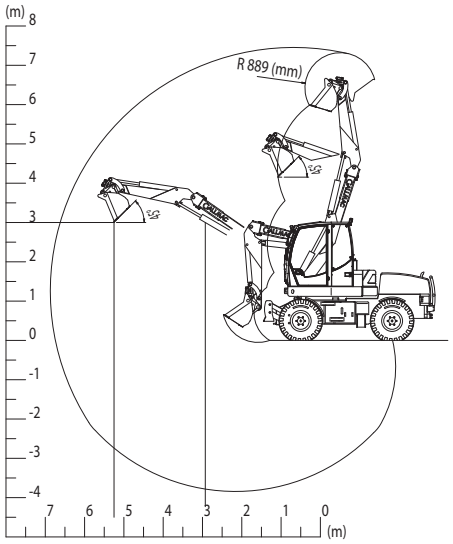
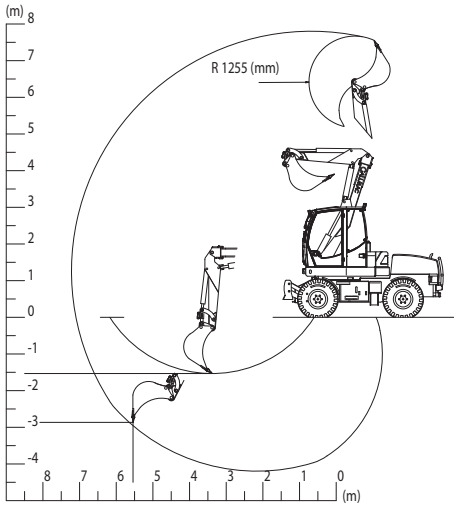
Working diagrams





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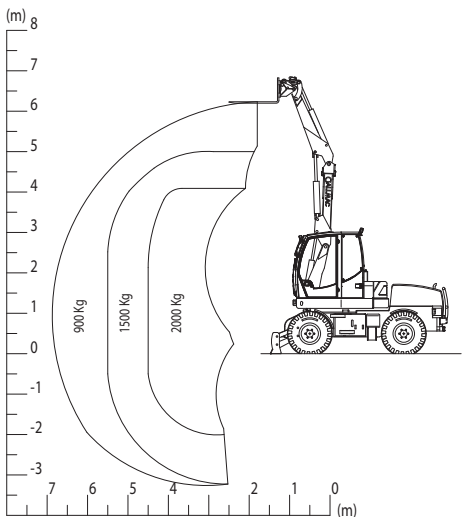

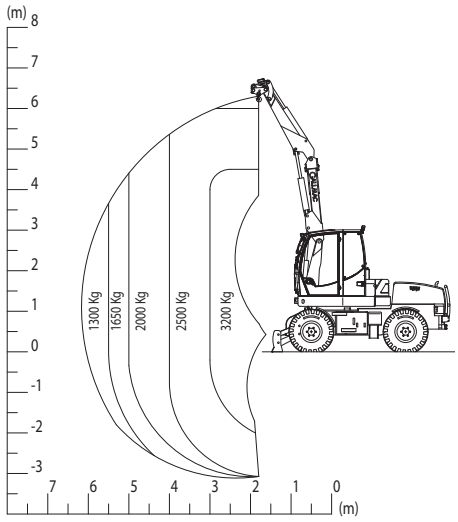

Additional Devices

ALL012	Seat with pneumatic suspension
ALL032	Stabilizing/leveling blade with stabilizers
ALL033	Front Stabilizer
ALL034	Stabilizing/leveling blade with forks support
ALL035	Stabilizing/leveling blade with stabilizers and forks support
ALL036	"Greader" Blade ±20°
ALL042	Tires 18 x 19.5
ALL043	Tires 425/75-R20
ALL052	Front axle with 45% self-locking differential
ALL062	Adjustable Bucket link
ALL063	Adjustable Bucket link with lifting hook
ALL072	Automatic greasing for turret
ALL082	Air conditioning system
ALL092	2° and 3° arm synchronization
ALL093	Pedal to Lever Inversion control
ALL102	2° Auxiliary hydraulic line
ALL112	Working brake
ALL132	Working elevating platform
OPT001	Central outriggers
OPT003	Engine case protection
OPT004	Fuel charge pump
OPT005	Kit mudguards
OPT006	Radio/cd/mp3 Player
OPT007	Radio/cd/mp3 Player + USB and bluetooth
OPT009	Directional drill/ mixing bucket predisposition
OPT010	Highlight led beacon (not for road circulation)
OPT011	Led Working light
OPT012	Auxiliary hydraulic line for hammer return

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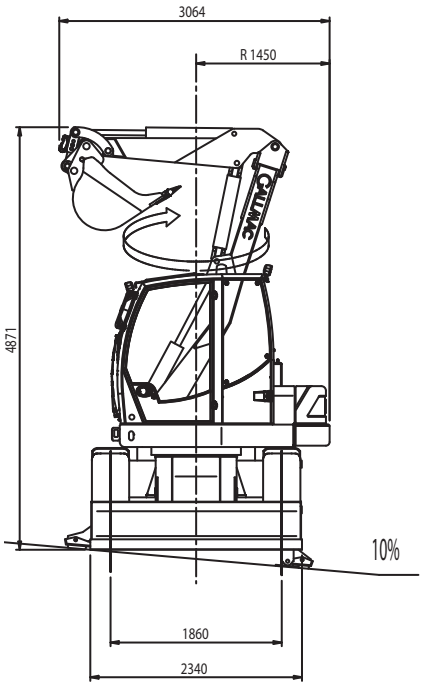
GALLMAC

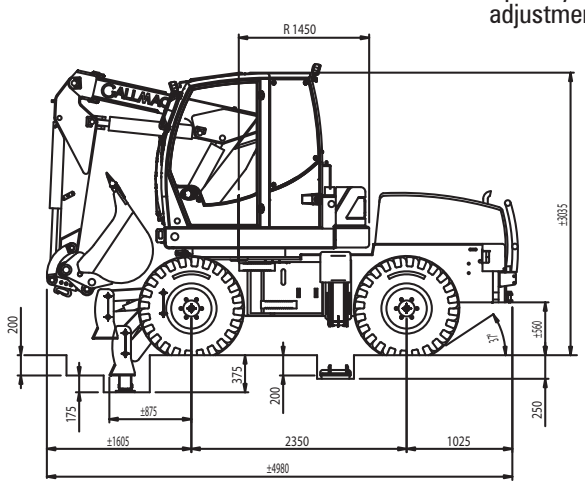
Wheeled Multifunction Machine
TG12

Gallmac machines are building site service vehicles specially designed for maximum efficiency in areas where space is limited such as town centers, along one-lane roads, or on work sites with limited maneuverability.

The extreme versatility allows on-site work to be performed using just one machine instead of several single purpose equipment.

The turret of the machine has 360° stepless rotation and remains within the overall dimensions of the machine when outriggers are in working conditions.
The articulated boom's lateral digging ability is also used to enhance tool changing capacity, and the quick connect/disconnect hydraulic couplings enable quick power tool changing.





Performance

Traction force	7700 daN
Max speed	32 km/h
Max flow (arm mov. circuit)	156 l/min
Pressure (arm mov. circuit)	285 bar

Note: the max speed may change according to tires and configuration

Characteristics

Max height	3035 mm
Max width	2340 mm
Max length	4980 mm
Mass	11000 kg

Engine

Diesel	74.5 kW (100 hp)
Cooling system	water
Electrical system	12 V

Hydraulic Transmission

Closed hydraulic circuit for hydrostatic drive with variable displacement pump/motor and "automotive" adjustment.
Open hydraulic circuit with load sensing adjustment.

Configuration

Seat with mechanical suspension

Stabilizing / leveling blade

Load sensing proportional valves for simultaneous movements

Safety valves on all cylinders to prevent boom falls

2 speed gear boxes

2 steering axles allow 3 steering mode: on the rear wheels for road mode, four wheel steer to reduce the turning radius, crab steering

Swinging rear axles provided with 45% self-locking differential

Swinging rear axle blocking device

Hydraulic wet disc brake with 4 friction plates

Parking brakes spring apply and automatic hydraulic release

Cab with Rops and Fops structure

Overload buzzer

Backward drive buzzer

Independent oil fired heating system (4 kW)

Side excavating hydraulic system 35° left - 25° right

Bucket link with lifting hook (5 ton)

Manual Centralized greasing (n° 4 points)

1° Auxiliary hydraulic line with quick couplings

Vertical exhaust discharge

Tires 16/70- R20

Quick hydraulic coupling for equipment replacement

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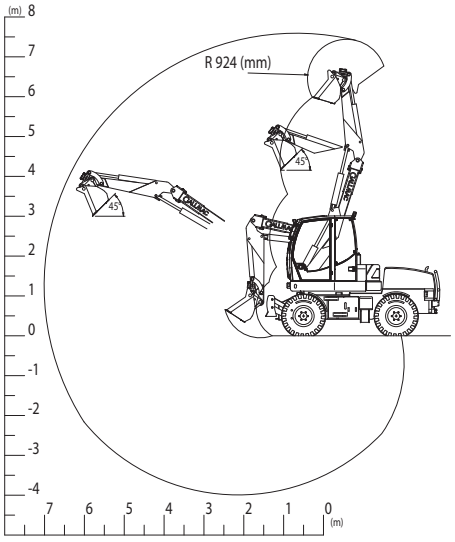
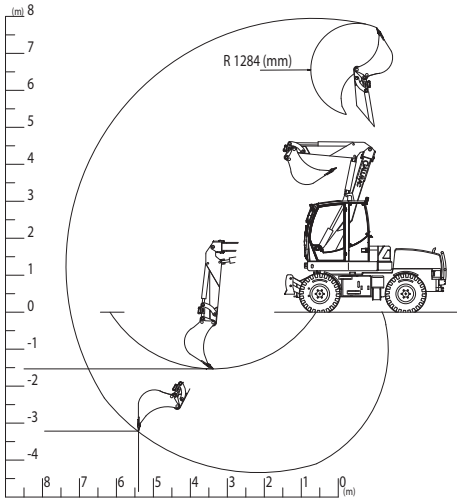
Working diagrams





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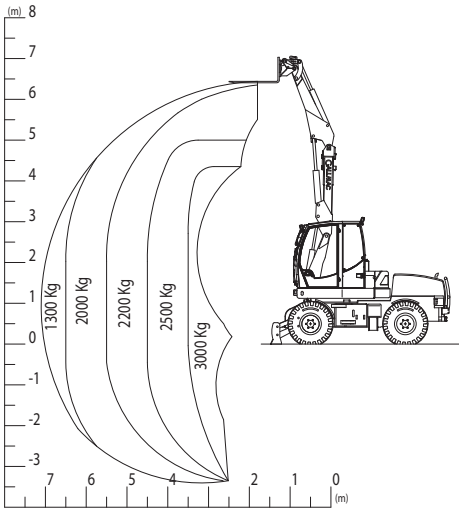

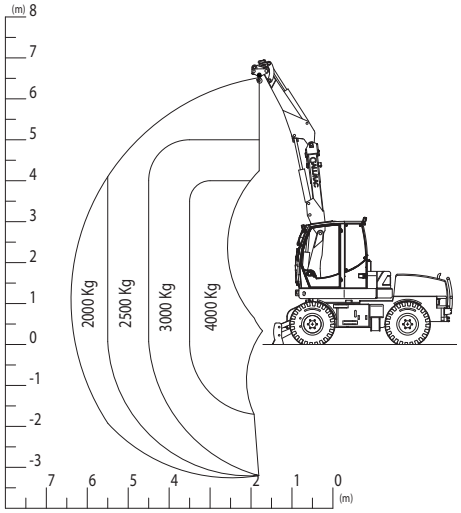

Additional Devices

ALL012	Seat with pneumatic suspension
ALL032	Stabilizing/leveling blade with stabilizers
ALL033	Front Stabilizer
ALL034	Stabilizing/leveling blade with forks support
ALL035	Stabilizing/leveling blade with stabilizers and forks support
ALL036	"Greader" Blade ±20°
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ALL043	Tires 425/75-R20
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ALL063	Adjustable Bucket link with lifting hook
ALL072	Automatic greasing for turret
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ALL093	Pedal to Lever Inversion control
ALL102	2° Auxiliary hydraulic line
ALL112	Working brake
ALL132	Working elevating platform
ALL133	Trenching device
OPT001	Central outriggers
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OPT004	Fuel charge pump
OPT005	Kit mudguards
OPT006	Radio/cd/mp3 Player
OPT007	Radio/cd/mp3 Player + USB and bluetooth
OPT009	Directional drill/ mixing bucket predisposition
OPT010	Highlight led beacon (not for road circulation)
OPT011	Led Working light
OPT012	Auxiliary hydraulic line for hammer return

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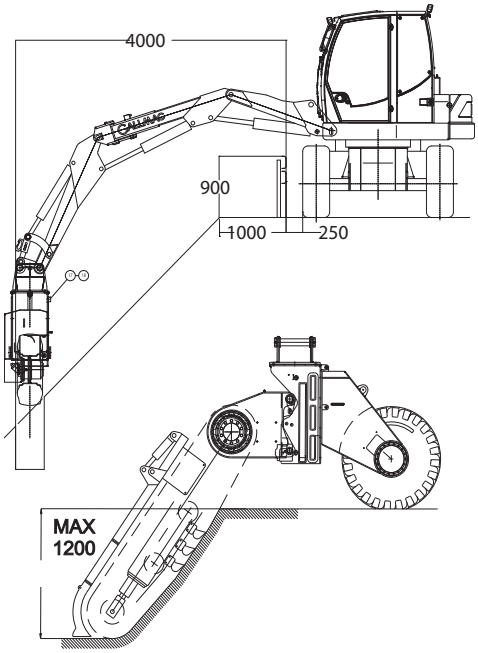
GALLMAC

Wheeled Multifunction Machine with Trencher
TG12 TRS - Chainsaw

The digging frame consists of a digging chain and a **motorized wheel** to which are attached a support and drive wheel, the chain saw and the plate with quick coupling.

The most important feature is the synchronism of this wheel with the tractor wheels which assures the maximum digging performances.

This attachments provides maximum digging capability, thus making the TG12 even more versatile.



Performance

Traction force	7700 daN
Max speed	32 km/h
Max flow (arm mov. circuit)	156 l/min
Pressure (arm mov. circuit)	285 bar

Note: the max speed may change according to tires and configuration

Characteristics

Max height	3035 mm
Max width	2340 mm
Max length	4980 mm
Mass	11000 kg

Engine

Diesel	74.5 kW (100 hp)
Cooling system	water
Electrical system	12 V

Hydraulic Transmission

Closed hydraulic circuit for hydrostatic drive with variable displacement pump/motor and "automotive" adjustment.
Open hydraulic circuit with load sensing adjustment.

Trencher Predisposition

Second extra-circuit on boom

Modifications on the hydraulic system to feed the trencher

Additional radiator for hydraulic oil

Modifications on controls to operate the Trencher attachment

Digging width	20-35 cm
Digging depth	60-120 cm

Configuration

Seat with mechanical suspension

Stabilizing / leveling blade

Central stabilizers

Load sensing proportional valves for simultaneous movements

Safety valves on all cylinders to prevent boom falls

2 speed gear boxes

2 steering axles allow 3 steering mode: on the rear wheels for road mode, four wheel steer to reduce the turning radius, crab steering

Swinging rear axles provided with 45% self-locking differential

Swinging rear axle blocking device

Hydraulic wet disc brake with 4 friction plates

Parking brakes spring apply and automatic hydraulic release

Cab with Rops and Fops structure

Overload buzzer

Backward drive buzzer

Independent oil fired heating system (4 kW)

Side excavating hydraulic system 35° left - 25° right

Bucket link with lifting hook (5 ton)

Manual Centralized greasing (n° 4 points)

1° Auxiliary hydraulic line with quick couplings

Vertical exhaust discharge

Tires 16/70- R20

Quick hydraulic coupling for equipment replacement

Certified Quality System
ISO 9001:2008

Keep you updated on: **www.tesmec.com**

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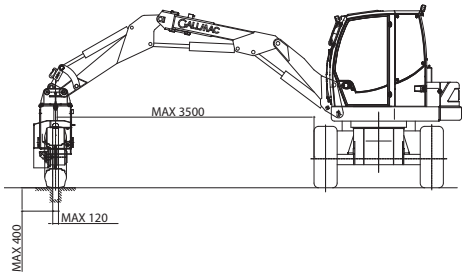
GALLMAC

Wheeled Multifunction Machine with Trencher
TG12 TRS - Rocksaw

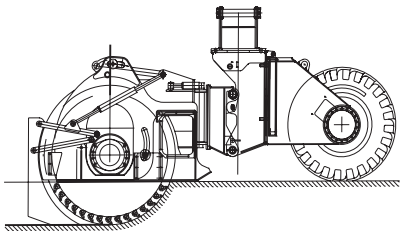
The digging system consists of a disk and a **motorized wheel** to which are attached a support and drive wheel, the rock saw and the plate with quick coupling.

The most important feature is the synchronism of this wheel with the tractor wheels which assures the maximum digging performances.

This is the ideal machine for urban cabling in limited space, and with limited maneuverability.



The minimum digging point from tires side is 1250 mm.



Performance

Traction force	7700 daN
Max speed	32 km/h
Max flow (arm mov. circuit)	156 l/min
Pressure (arm mov. circuit)	285 bar

Note: the max speed may change according to tires and configuration

Characteristics

Max height	3035 mm
Max width	2340 mm
Max length	4980 mm
Mass	11000 kg

Engine

Diesel	74.5 kW (100 hp)
Cooling system	water
Electrical system	12 V

Hydraulic Transmission

Closed hydraulic circuit for hydrostatic drive with variable displacement pump/motor and "automotive" adjustment.
Open hydraulic circuit with load sensing adjustment.

Trencher Predisposition

Second extra-circuit on boom

Modifications on the hydraulic system to feed the trencher

Additional radiator for hydraulic oil

Modifications on controls to operate the Trencher attachment

Digging width	7-12 cm
Digging depth	40 cm

Configuration

Seat with mechanical suspension

Stabilizing / leveling blade

Central stabilizers

Load sensing proportional valves for simultaneous movements

Safety valves on all cylinders to prevent boom falls

2 speed gear boxes

2 steering axles allow 3 steering mode: on the rear wheels for road mode, four wheel steer to reduce the turning radius, crab steering

Swinging rear axles provided with 45% self-locking differential

Swinging rear axle blocking device

Hydraulic wet disc brake with 4 friction plates

Parking brakes spring apply and automatic hydraulic release

Cab with Rops and Fops structure

Overload buzzer

Backward drive buzzer

Independent oil fired heating system (4 kW)

Side excavating hydraulic system 35° left - 25° right

Bucket link with lifting hook (5 ton)

Manual Centralized greasing (n° 4 points)

1° Auxiliary hydraulic line with quick couplings

Vertical exhaust discharge

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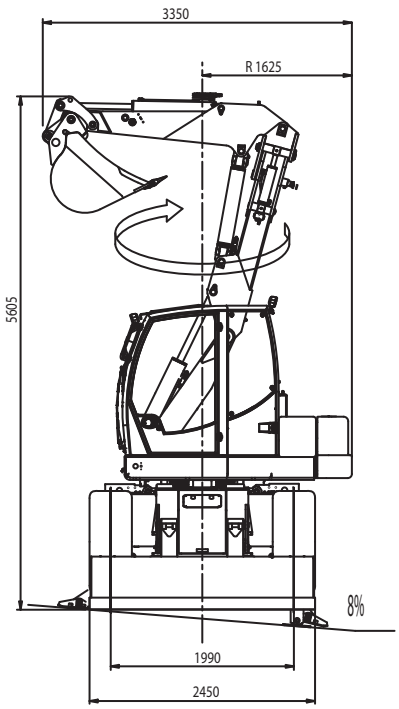
GALLMAC

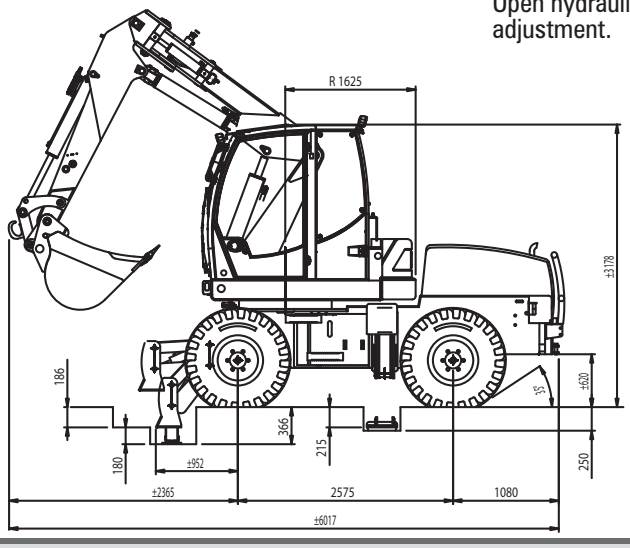
Wheeled Multifunction Machine
TG14

Gallmac machines are building site service vehicles specially designed for maximum efficiency in areas where space is limited such as town centers, along one-lane roads, or on work sites with limited maneuverability.

The extreme versatility allows on-site work to be performed using just one machine instead of several single purpose equipment.

The turret of the machine has 360° stepless rotation and remains within the overall dimensions of the machine when outriggers are in working conditions.
The articulated boom's lateral digging ability is also used to enhance tool changing capacity, and the quick connect/disconnect hydraulic couplings enable quick power tool changing.





Performance

Traction force	8600 daN
Max speed	30 km/h
Max flow (arm mov. circuit)	198 l/min
Pressure (arm mov. circuit)	285 bar

Note: the max speed may change according to tires and configuration

Characteristics

Max height	3178 mm
Max width	2450 mm
Max length	6017 mm
Mass	14000 kg

Engine

Diesel	93.2 kW (125 hp)
Cooling system	water
Electrical system	12 V

Hydraulic Transmission

Closed hydraulic circuit for hydrostatic drive with variable displacement pump/motor and "automotive" adjustment.
Open hydraulic circuit with load sensing adjustment.

Configuration

Seat with mechanical suspension
Stabilizing / leveling blade
Load sensing proportional valves for simultaneous movements
Safety valves on all cylinders to prevent boom falls
2 speed gear boxes
2 steering axles allow 3 steering mode: on the rear wheels for road mode, four wheel steer to reduce the turning radius, crab steering
Swinging rear axles provided with 45% self-locking differential
Swinging rear axle blocking device
Hydraulic wet disc brake with 4 friction plates
Parking brakes spring apply and automatic hydraulic release
Cab with Rops and Fops structure
Overload buzzer
Backward drive buzzer
Independent oil fired heating system (4 kW)
Side excavating hydraulic system 30°
Bucket link with lifting hook (5 ton)
Manual Centralized greasing (n° 4 points)
1° Auxiliary hydraulic line with quick couplings
Vertical exhaust discharge
Tires 18 x 22.5
Quick hydraulic coupling for equipment replacement

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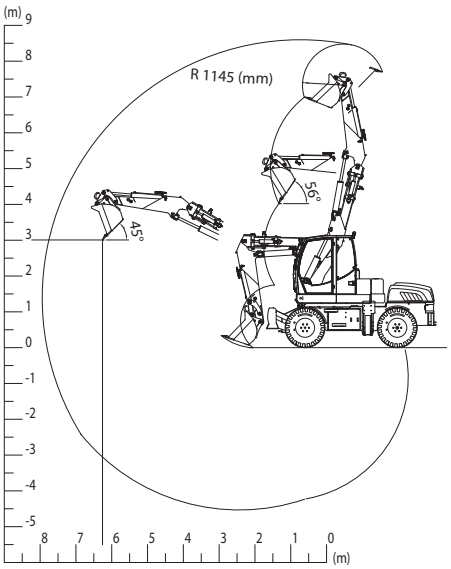
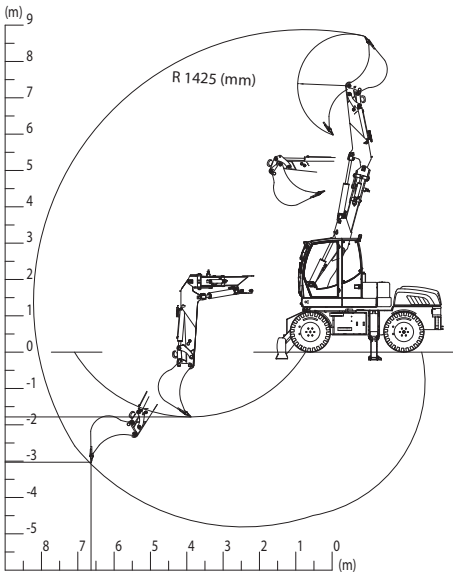
GALLMAC

Wheeled Multifunction Machine
TG14

Working diagrams





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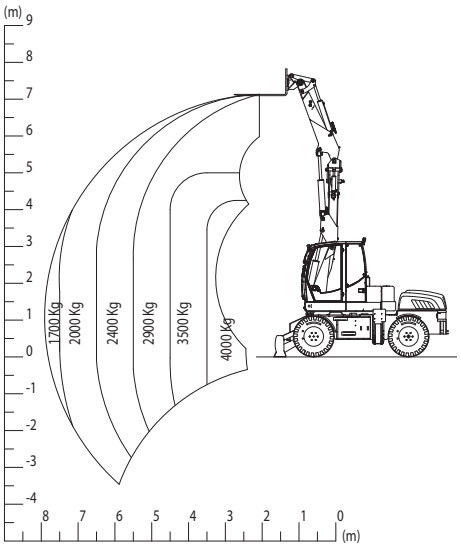

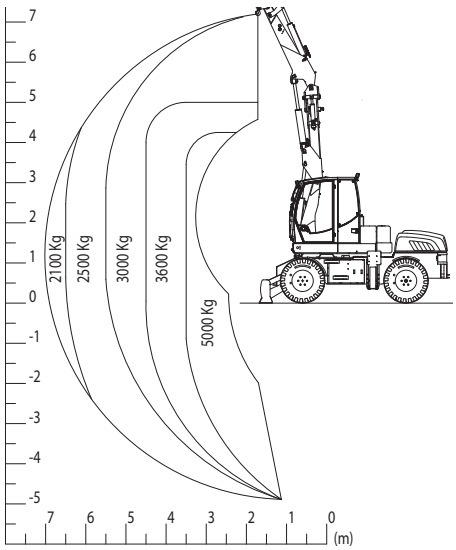

Additional Devices

ALL012	Seat with pneumatic suspension
ALL032	Stabilizing/leveling blade with stabilizers
ALL033	Front Stabilizer
ALL034	Stabilizing/leveling blade with forks support
ALL035	Stabilizing/leveling blade with stabilizers and forks support
ALL036	"Greader" Blade ±20°
ALL052	Front axle with 45% self-locking differential
ALL062	Adjustable Bucket link
ALL063	Adjustable Bucket link with lifting hook
ALL072	Automatic greasing for turret
ALL082	Air conditioning system
ALL092	2° and 3° arm synchronization
ALL093	Pedal to Lever Inversion control
ALL102	2° Auxiliary hydraulic line
ALL112	Working brake
ALL132	Working elevating platform
ALL133	Trenching device
OPT001	Central outriggers
OPT003	Engine case protection
OPT004	Fuel charge pump
OPT005	Kit mudguards
OPT006	Radio/cd/mp3 Player
OPT007	Radio/cd/mp3 Player + USB and bluetooth
OPT009	Directional drill/ mixing bucket predisposition
OPT010	Highlight led beacon (not for road circulation)
OPT011	Led Working light
OPT012	Auxiliary hydraulic line for hammer return

Certified Quality System
ISO 9001:2008

Keep you updated on: **www.tesmec.com**

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https://tractormanualz.com/
Courtesy of MachineMarket

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