

DYNAPAC LIGHT COMPACTION

Dynapac Rammers
Dynapac Forward Plates
Dynapac Reversible Plates
Dynapac Twin Drum Roller
Dynapac Utility Roller



The Dynapac Light Equipment range compliments our larger compaction & paving equipment to get the job done in relatively confined spaces. We focus on every possible type of material to compact, through weight classes and different types of machines. Combined with Dynapac's decades of experience in the world of compaction & paving, this incredible range of equipment will ensure that you stay ahead of the game!

Here, you discover more about the walk-behind equipment from Dynapac. Rammers, forward and reversible vibratory plates, twin drum roller and the utility roller – a fantastic range of equipment that is Designed to Perform. Built to Last!

Dynapac Light Equipment



Mini Paver

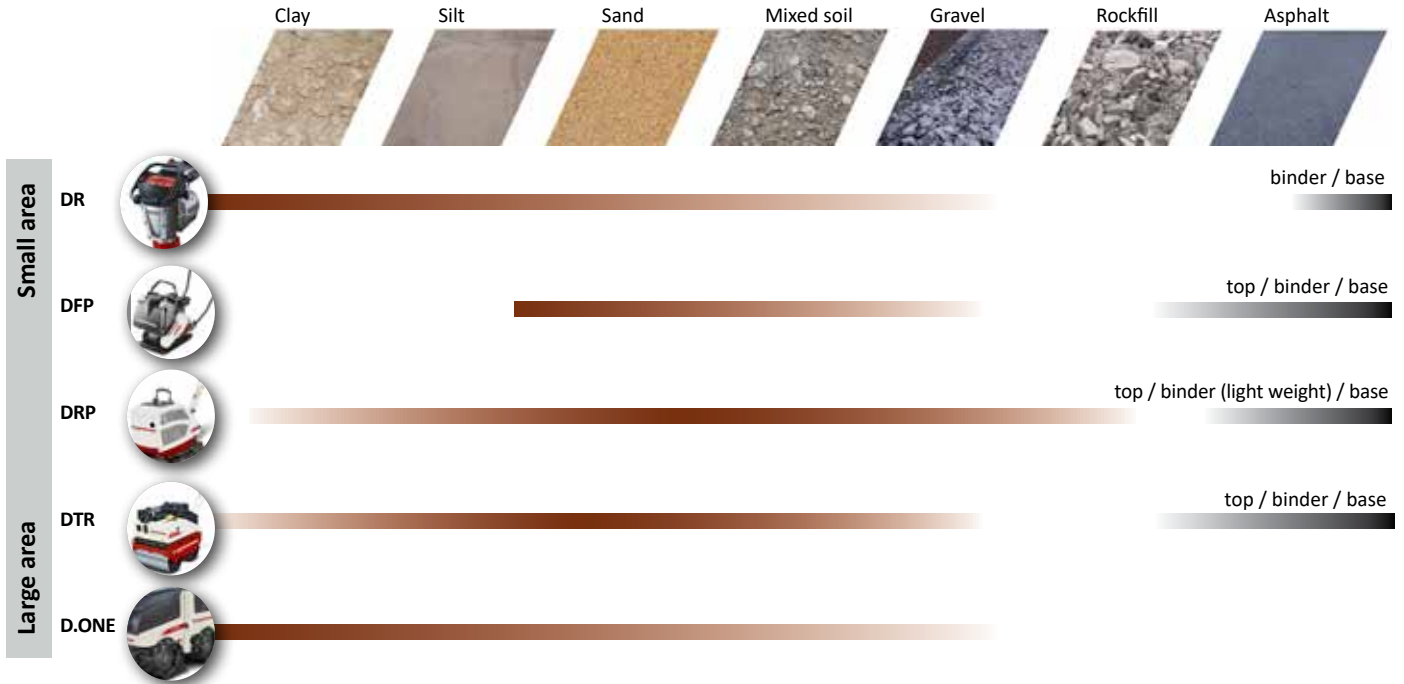


Tandem Rollers



Utility Roller

Application overview



Twin Drum Roller



Reversible Plates



Forward Plates



Rammers



DR6X



DR7



DR7X



PACKS A PUNCH

Keep going no matter what!

Reliable 4-stroke engine from Honda built specially for the hard hitting rammers are safe-guarded by all around metal covers.

Keep the engine running efficient & avoid break-downs with dual stage fuel and air filtration



Air pre-filter in a self-cleaning housing keeps the maintenance costs low

Avoid bad surprises!
Low oil warning.
Low engine speed warning.
One knob to start/ stop both the engine and fuel supply.



Plan your maintenance by tracking hours to service, hours worked per day and hours worked in total, to be ready any time

**Safe
Convenient
Practical**



Vibration dampened handle



Vertically oriented grip for easy lift



Transport wheels for easy transfer

The X-factor



- X-tra punch
Honda GXR120
- X-tra feature
Hour & tachometer
- X-tra clean
Air Pre-Filter

DR6X & DR7X

- Engine
Honda GX100
- Optional feature
Hour & tachometer
- One
Air filter

DR7



| | DR6X | | DR7 | | DR7X | |
|---------------------|----------------------------------|---------------|---------------------------------|---------------|----------------------------------|---------------|
| Operating mass | 58 kg | 128 lb | 67 kg | 148 lb | 68 kg | 150 lb |
| Shoe width | 230 mm | 9 in | 280 mm | 11 in | 280 mm | 11 in |
| Max. working speed | 20 m/min | 65.6 ft/min | 20 m/min | 65.6 ft/min | 20 m/min | 65.6 ft/min |
| Impact force | 15,0 kN | 3,372 lb | 16,0 kN | 3,597 lb | 17,0 kN | 3,822 lb |
| Vibration frequency | 10 - 11,8 Hz | 600 - 708 vpm | 10 - 11,8 Hz | 600 - 708 vpm | 10 - 11,8 Hz | 600 - 708 vpm |
| Power | 2,8 kW | 3.8 hp | 2,3 kW | 3.1 hp | 2,8 kW | 3.8 hp |
| Engine | Honda GXR120 air cooled gasoline | | Honda GX100 air cooled gasoline | | Honda GXR120 air cooled gasoline | |

DYNAPAC FORWARD PLATES

Protected from the sand and stones, fully enclosed belt drive maximizes the life time of components like the V-belt. Heavy duty base plate offers excellent wear resistance. And the tubular frame protects the power-pack against rough handling during the plate's lifetime.



BUILT TO LAST



| | DFP6 | | DFP7 | | DFP8 | | DFP9 | |
|--------------------|---------------------------------|-----------|---------------------------------|-----------|---------------------------------|-----------|---------------------------------|-----------|
| Operating mass | 65 kg | 143 lb | 72 kg | 159 lb | 83 kg | 183 lb | 91 kg | 201 lb |
| Plate width | 350 mm | 14 in | 400 mm | 16 in | 360 mm | 14 in | 450 mm | 18 in |
| Frequency | 90 Hz | 5,400 vpm | 90 Hz | 5,400 vpm | 90 Hz | 5,400 vpm | 90 Hz | 5,400 vpm |
| Amplitude | 1,01 mm | 0.040 in | 1,03 mm | 0.040 in | 0,89 mm | 0.035 in | 1,24 mm | 0.049 in |
| Centrifugal force | 10 kN | 2,248 lb | 12 kN | 2,698 lb | 10 kN | 2,248 lb | 18 kN | 4,047 lb |
| Max. working speed | 25 m/min | 82 ft/min | 25 m/min | 82 ft/min | 25 m/min | 82 ft/min | 25 m/min | 82 ft/min |
| Power | 2,6 kW | 3,5 hp | 2,6 kW | 3.5 hp | 2,6 kW | 3.5 hp | 3,6 kW | 4.8 hp |
| Engine | Honda GX120 air cooled gasoline | | Honda GX120 air cooled gasoline | | Honda GX120 air cooled gasoline | | Honda GX160 air cooled gasoline | |



Built for easy use

The DFP series can be equipped with low vibration comfort handles with Hand Arm Vibration (HAV) values that permit long working hours without documentation.

Special center mount handle is available in addition to the standard rear mount handle.

Foldable handles that save space, one point lift and transport wheels are features that are built to move the equipment with ease



Low HAV



Built to do more

Easily detachable water sprinkler system and block paving mat gives the flexibility to use the equipment for different jobs with asphalt and concrete blocks in addition to soil.



DFP7AX – The Asphalt Maestro

Swift moves without leaving marks on asphalt is made possible by the special base-plate with tapered edges. The weight, frequency and amplitude are optimized for the right finish on asphalt.



| DFP10D | |
|-----------------------------|-----------|
| 104 kg | 229 lb |
| 450 mm | 18 in |
| 90 Hz | 5,400 vpm |
| 1,63 mm | 0.064 in |
| 18 kN | 4,032 lb |
| 25 m/min | 82 ft/min |
| 3,1 kW | 4.2 hp |
| Hatz 1B20 air cooled diesel | |

| DFP11 | |
|---------------------------------|-----------|
| 108 kg | 238 lb |
| 500 mm | 20 in |
| 92 Hz | 5,520 vpm |
| 1,11 mm | 0.044 in |
| 25 kN | 5,620 lb |
| 30 m/min | 98 ft/min |
| 3,6 kW | 4.8 hp |
| Honda GX160 air cooled gasoline | |

| DFP12D | |
|-----------------------------|-----------|
| 122 kg | 269 lb |
| 500 mm | 20 in |
| 92 Hz | 5,520 vpm |
| 1,11 mm | 0.044 in |
| 25 kN | 5,620 lb |
| 30 m/min | 98 ft/min |
| 3,1 kW | 4.2 hp |
| Hatz 1B20 air cooled diesel | |

| DFP7AX | |
|---------------------------------|-----------|
| 82 kg | 181 lb |
| 500 mm | 20 in |
| 100 Hz | 6,000 vpm |
| 1,02 mm | 0.040 in |
| 12 kN | 2,698 lb |
| 30 m/min | 98 ft/min |
| 2,6 kW | 3.5 hp |
| Honda GX120 air cooled gasoline | |

DYNAPAC REVERSIBLE PLATES

When it comes to larger areas, the powerful DRP's from Dynapac are ideal for the job – traction and compaction made easy. Extreme conditions are easily dealt with, thanks to their rugged design and all-around hard shell.



BUILT TOUGH



| | DRP15X | | DRP15D | | DRP20 | | DRP20D | |
|--------------------|---------------------------------|-----------|-----------------------------|-----------|---------------------------------|-----------|-----------------------------|-----------|
| Operating mass | 140 kg | 309 lb | 150 kg | 330 lb | 205 kg | 452 lb | 210 kg | 462 lb |
| Plate width | 500 mm | 20 in | 400 mm | 16 in | 600 mm | 24 in | 420 mm | 17 in |
| Frequency | 85 Hz | 5,100 vpm | 85 Hz | 5,100 vpm | 80 Hz | 4,800 vpm | 80 Hz | 4,800 vpm |
| Amplitude | 1,31 mm | 0.052 in | 1,55 mm | 0.061 in | 1,30 mm | 0.052 in | 1,5 mm | 0.059 in |
| Centrifugal force | 25 kN | 5,620 lb | 25 kN | 5,600 in | 35 kN | 7,868 lb | 35 kN | 7,840 lb |
| Max. working speed | 25 m/min | 82 ft/min | 25 m/min | 82 ft/min | 27 m/min | 89 ft/min | 27 m/min | 89 ft/min |
| Power | 3,6 kW | 4.8 hp | 3,1 kW | 4.2 hp | 3,6 kW | 4.8 hp | 3,1 kW | 4.2 hp |
| Engine | Honda GX160 air cooled gasoline | | Hatz 1B20 air cooled diesel | | Honda GX160 air cooled gasoline | | Hatz 1B20 air cooled diesel | |



Double protection

In addition to hard shell the V-belt drive has its own protection cover to stay tough in rough conditions. Dusty environment, accidental hit from fork lifts or wheel loader will not bother the DRP owner.



V-belt cover



all round hard shell

Base-plate is highly wear resistant thanks to the material and construction. Extra layer of protection by powder coating ensures long life time.



Self cleaning plate

Open style construction of the heavy duty base reduces the maintenance cost. As the stones don't get stuck, wear and tear of parts are minimized.



Add-on options

Synthetic mats
for all models

Plate width extensions
DRP45D & DRP70D



Safe. Convenient. Practical.

Vibration dampened control lever features reverse drive protection. Thus operator is kept safe from getting caught between the equipment and any other object like a wall. Control lever can be safely secured during transport and operation.



Wide puncture proof wheels for easy transfer



Electric start & hour meter for that smile!



Easy-open flaps to access daily check points



Easy-open hood with barrier free access for service



| DRP25D | | DRP40DX | | DRP45DX | | DRP60D | | DRP70D | |
|------------------------------|-----------|------------------------------|-----------|------------------------------|-----------|------------------------------|------------|------------------------------|-----------|
| 260 kg | 573 lb | 405 kg | 893 lb | 460 kg | 1,014 lb | 570 kg | 1,254 lb | 687 kg | 1,515 lb |
| 600 mm | 24 in | 550 mm | 26 in | 650 mm | 25 in | 700 mm | 28 in | 800 mm | 31 in |
| 80 Hz | 4,800 vpm | 60 Hz | 3,600 vpm | 66 Hz | 3,960 vpm | 66 Hz | 3960 vpm | 56 Hz | 3,360 vpm |
| 1,4 mm | 0.055 in | 1,85 mm | 0.073 in | 1,96 mm | 0.077 in | 1,80 mm | 0.071 in | 2,70 mm | 0.106 in |
| 40 kN | 8,992 lb | 50 kN | 11,240 lb | 60 kN | 13,489 lb | 70 kN | 15,736 lbs | 100 kN | 22,481 lb |
| 27 m/min | 89 ft/min | 28 m/min | 92 ft/min | 28 m/min | 92 ft/min | 28 m/min | 92 ft/min | 28 m/min | 92 ft/min |
| 3,1 kW | 4.2 hp | 6,7 kW | 9 hp | 6,7 kW | 9 hp | 9,3 kW | 12 hp | 10,3 kW | 14 hp |
| Hatz 1B 20 air cooled diesel | | Hatz 1B 40 air cooled diesel | | Hatz 1B 40 air cooled diesel | | Hatz 1D 81 air cooled diesel | | Hatz 1D 90 air cooled diesel | |

DYNAPAC TWIN DRUM ROLLER

The DTR75 gives you excellent surface coverage and gradeability with the help of the hydrostatic drum drive. Infinitely variable speed combined with Twin Vibration Technology delivers a smooth surface.

DOUBLE POWER



DTR75

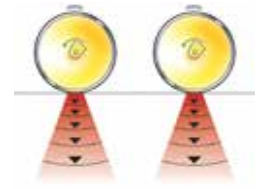
DTR75

| | | |
|---------------------------------|-------------------|-------------------|
| Operating mass | 757 kg | 1,669 lb |
| Axle load, avg. | 379 kg | 834 lb |
| Drum width | 650 mm | 25.6 in |
| Speed 1, forward / reverse | 0 - 5,5 km/h | 0 - 3.4 mph |
| Speed 2, forward / reverse | 0 - 2,5 km/h | 0 - 1.6 mph |
| Centrifugal force, front / rear | 22 kN | 4,946 lb |
| Vibration frequency | 55 Hz | 3,300 vpm |
| Amplitude, front / rear | 0,45 mm | 0.018 in |
| Manufacturer, model | Hatz, 1D 42 | Hatz, 1D 42 |
| Type | air cooled diesel | air cooled diesel |
| Power | 6,2 kW | 8.3 hp |



Maximize savings by minimizing the passes

The Twin Vibration Technology (TVT) on the DTR75 features vibratory elements in both drums. As both the drums are used actively for compaction the number of passes can be reduced saving time & money. TVT also ensures a uniformly compacted surface.



TVT

Engine shuts down automatically in case of low oil preventing breakdowns and repair costs.



move fast

climb easy

Powerful hydrostatic drive

In order to deliver high operating speed, the Twin Vibration Technology is aided by hydrostatically driven drums. The hydrostatic drive known for its efficiency provides power to both drums helping the roller climb steep slopes with ease.



continuous speed control

TVT

Great results

Continuously variable speed control ensures a smooth surface. Uniformly compacted surface is guaranteed thanks to the Twin Vibration Technology

Safe

Anti-crush mechanism on the operator handle and a parking brake ensures a safe operating environment.

All the operating functions are close to the operator to enable easy and fast operation.

Convenient

To minimize operator fatigue and allow long hours of stress free operation, the walk behind roller also features an electric start, vibration dampened steering handle and quiet vibration technology.

Practical

With a large water tank the equipment can be used for relatively longer periods without having to re-fill.





THE TRENCH SETTER!



D.ONE

| | | D.ONE |
|---------------------------------|---------------------|---------------------|
| Operating mass | 1595 kg | 3,516 lb |
| Axle load, avg. | 798 kg | 1,758 lb |
| Drum width | 850 / 610 mm | 33.5 / 24.0 in |
| Speed 1, forward / reverse | 1,2 km/h | 0.7 mph |
| Speed 2, forward / reverse | 2,8 km/h | 1.8 mph |
| Centrifugal force, front / rear | 72 / 36 kN | 16,186 / 8,093 lb |
| Amplitude, front / rear | 1,12 / 0,56 mm | 0.044 / 0.022 in |
| Vibration frequency | 42 / 42 Hz | 2,520 / 2,520 vpm |
| Manufacturer, model | Kubota, D 1005 | Kubota, D 1005 |
| Type | water cooled diesel | water cooled diesel |
| Power | 14,5 kW | 19.4 hp |
| Drive system | hydrostatic | hydrostatic |

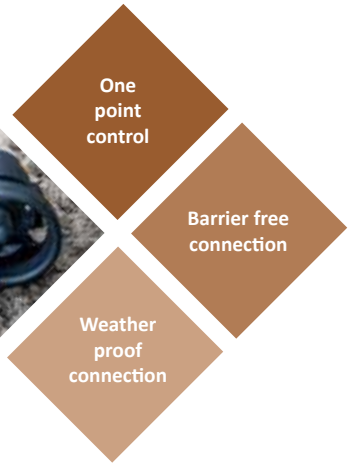


All time connectivity to maximize productivity

D.ONE is built with a remote control technology that maximizes the uptime and ensures hassle free operation. The radio remote control enables barrier free and long range connectivity. Thus, you can focus on the compaction job rather than struggling to stay connected even in deep trenches with shoring.

The radio controlled remote technology is not sensitive to weather conditions and can work trouble free in conditions with extreme sunlight.

All the machine functions including engine start-stop can be activated from the remote control eliminating the hassle of walking down the trench to re-start the equipment.



Technology to maximize performance

D.ONE delivers superior compaction quality using the directed oscillator technology. This vibratory system in the front and the rear drums provide a choice of high and low amplitude vibration. In combination with Automatic Vibration Control, AVC – a feature that regulates the speed & vibration, the trench roller ensures excellent results in cohesive soil.



AZS for safety

Active Zone System (AZS) stops the equipment if it gets too close to the operator.

Unintentional or accidental operation of other equipment in the vicinity is avoided by the fool-proof remote control technology.



Maximum returns

Detachable drum extensions are a standard feature that let's you use the same equipment in tighter spaces.

Smooth drum attachment gives you the flexibility to take up special jobs without investing on a complete new equipment.



Maximum savings

ECOmode operation keeps the diesel costs in check by regulating the engine speed.

Maintenance free articulated joint avoids the need for daily lubrication lowering the running cost during the life time.



Minimum repair costs

On-board diagnostics facilitates fast trouble shooting reducing the labor costs

Fully enclosed exciter housing with heavy duty hydraulics maximizes the life time of the vibratory system.



STANDARD FEATURES & OPTIONS



RAMMERS

| | DR6X | DR7X | DR7 |
|--|------|------|-----|
| Low vibration handle | ■ | ■ | ■ |
| Dual stage fuel filter system | ■ | ■ | ■ |
| Air filter | ■ | ■ | ■ |
| Air pre-filter with self cleaning housing | ■ | ■ | ■ |
| Auto oil level check before start | ■ | ■ | ■ |
| Engine protection covers | ■ | ■ | ■ |
| One knob to start/ stop both engine & fuel | ■ | ■ | ■ |
| Infinitely variable frequency | ■ | ■ | ■ |
| Recoil starter | ■ | ■ | ■ |
| Loading aid rollers on handle | ■ | ■ | ■ |
| One point lift | ■ | ■ | ■ |
| Hour and rpm display | ■ | ○ | ○ |
| Puncture proof transport wheels | ○ | ○ | ○ |
| Foot widths & extensions | ○ | ○ | ○ |



FORWARD PLATES

| | DFP6 | DFP8 | DFP10D | DFP11 | DFP12D | DFP7AX |
|---|------|------|--------|-------|--------|--------|
| | DFP7 | DFP9 | | | | |
| Foldable steering handle with vibration isolation | ■ | ■ | ■ | ■ | ■ | ■ |
| Highly wear resistant base plate | ■ | ■ | ■ | ■ | ■ | ■ |
| Automatic shutdown at low oil level | ■ | ■ | | ■ | | ■ |
| Automatic decompression | | | ■ | | ■ | |
| All around protection for V-belt | ■ | ■ | ■ | ■ | ■ | ■ |
| Protection frame for power-pack | ■ | ■ | ■ | ■ | ■ | ■ |
| Recoil starter | ■ | ■ | ■ | ■ | ■ | ■ |
| Carrying handles | ■ | ■ | ■ | ■ | ■ | ■ |
| One point lift | ■ | ■ | ■ | ■ | ■ | ■ |
| Water sprinkler system 13,5l | ○ | | | ○ | ○ | ■ |
| Water sprinkler system 7,0l | | ○ | ○ | | | |
| Comfort handle | ○ | ○ | ○ | ○ | ○ | ○ |
| Comfort handle, center mount | | | | ○ | | ○ |
| Puncture proof transport wheels | ○ | ○ | ○ | ○ | ○ | ○ |
| Block paving mat | ○ | ○ | ○ | ○ | ○ | ○ |



TWIN DRUM ROLLER

| | DTR75 |
|---|-------|
| Water sprinkler system | ■ |
| Infinitely variable speed control | ■ |
| Vibration and throttle regulation on the steering rod | ■ |
| Height adjustable and low vibration steering rod | ■ |
| Back-up drive protection on the steering rod | ■ |
| Hydrostatic drive | ■ |
| Mechanical vibration drive with exciter on both drums | ■ |
| Two scrapers per drum | ■ |
| Safety control including parking brake | ■ |
| Automatic shutdown at low oil level | ■ |
| Electric and crank starter | ■ |
| One point lift | ■ |



UTILITY ROLLER

| | D.ONE |
|--|-------|
| Hydrostatic articulated steering | ■ |
| Radio/cable remote control | ■ |
| Active Zone System | ■ |
| Drum extension (610/850 mm) | ■ |
| Dual directed-vibration system | ■ |
| Two travel speed ranges | ■ |
| Two amplitudes | ■ |
| Two scrapers per drum | ■ |
| Automatic vibration control | ■ |
| ECO-mode | ■ |
| Automatic shutdown at low oil level | ■ |
| Automatic engine shut down at a lateral tipping angle of 45° | ■ |
| Electric starter | ■ |
| Heavy-duty protection hood | ■ |
| One point lift | ■ |
| Special hydraulic oil | ○ |
| Smooth drum (-45 kg Amplitude 1.59/0.86 mm) | ○ |
| Portable charger for remote control battery | ○ |
| Adjustable scrapers 610/850 mm | ○ |



REVERSIBLE PLATES

| | DRP15X | DRP15D | DRP20 | DRP20D | DRP25D | DRP40DX | DRP45DX | DRP60D | DRP70D |
|--|--------|--------|-------|--------|--------|---------|---------|--------|--------|
| Control lever with vibration isolation | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| Height adjustable control lever | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| Reverse drive protection | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| Highly wear resistant base plate | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| All around protection hood | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| All around protection for V-belt | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| Automatic shutdown at low oil level | ■ | | ■ | | | | | ■ | ■ |
| Automatic decompression | | ■ | | ■ | ■ | ■ | ■ | | |
| One point lift | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| Recoil start | ■ | ■ | ■ | ■ | ■ | ■ | ■ | | |
| Crank start | | | | | | | | ○ | ○ |
| Electric start | | | | | ■ | ■ | ■ | ■ | ■ |
| Hour meter | | | ■ | | ○ | ■ | ■ | ■ | ■ |
| Extension plate | | | | | | ○ | ○ | ○ | ○ |
| Water sprinkler system 12l | ○ | ○ | | | | | | | |
| Puncture proof transport wheels | ○ | ○ | ○ | ○ | ○ | | | | |
| Block paving mat | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |

SERVICE AND SUPPORT



WARRANTY

Standard warranty
 Dynapac Plus 12
 Extended warranty with
 service agreements



PARTSONLINE

Genuine Parts
 Genuine Fluids
 Parts Manuals
 Service Manuals



KITS

Service Kits
 Refurbishing Kits
 Wear Kits
 Repair Kits



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