DYNAPAC LIGHT COMPACTION

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

DYNAPAC
FAYAT GROUP

dynapac.com

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!

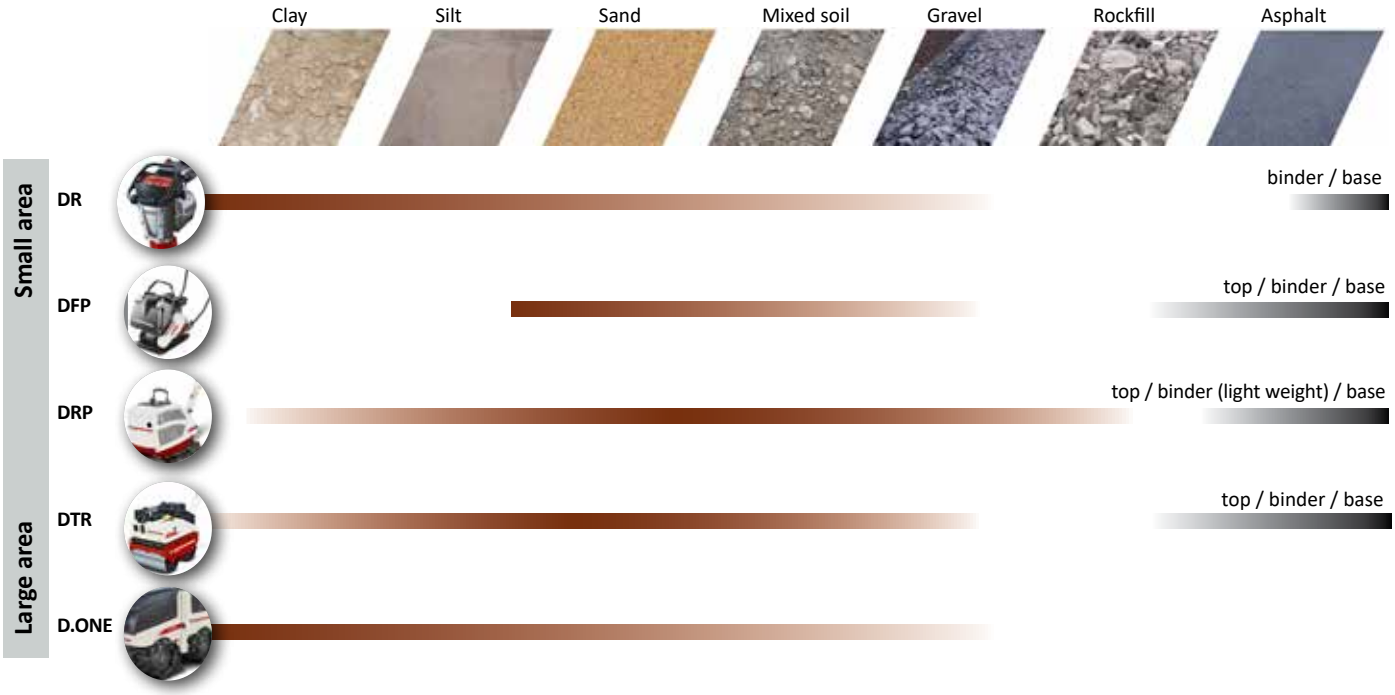
Dynapac Light Equipment

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	

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

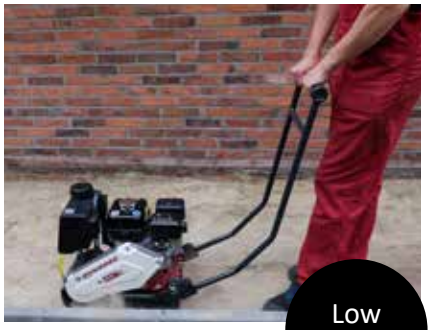
	DFP6		DFP7		DFP8		DFP9	
Operating mass	65 kg	143 lb	72 kg	159 lb	83 kg	183 lb	91 kg	201 lb
Plate width	350 mm	14 in	400 mm	16 in	360 mm	14 in	450 mm	18 in
Frequency	90 Hz	5,400 vpm	90 Hz	5,400 vpm	90 Hz	5,400 vpm	90 Hz	5,400 vpm
Amplitude	1,01 mm	0.040 in	1,03 mm	0.040 in	0,89 mm	0.035 in	1,24 mm	0.049 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



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		DFP11		DFP12D		DFP7AX	
104 kg	229 lb	108 kg	238 lb	122 kg	269 lb	82 kg	181 lb
450 mm	18 in	500 mm	20 in	500 mm	20 in	500 mm	20 in
90 Hz	5,400 vpm	92 Hz	5,520 vpm	92 Hz	5,520 vpm	100 Hz	6,000 vpm
1,63 mm	0.064 in	1,11 mm	0.044 in	1,11 mm	0.044 in	1,02 mm	0.040 in
18 kN	4,032 lb	25 kN	5,620 lb	25 kN	5,620 lb	12 kN	2,698 lb
25 m/min	82 ft/min	30 m/min	98 ft/min	30 m/min	98 ft/min	30 m/min	98 ft/min
3,1 kW	4.2 hp	3,6 kW	4.8 hp	3,1 kW	4.2 hp	2,6 kW	3.5 hp
Hatz 1B20 air cooled diesel		Honda GX160 air cooled gasoline		Hatz 1B20 air cooled diesel		Honda GX120 air cooled gasoline	

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 additional 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.

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

V-belt cover

all round hard shell

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.

Low HAV

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	

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.

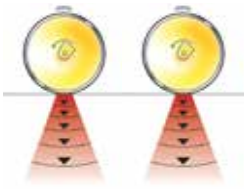
DOUBLE POWER

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.

AVC
for high quality results

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

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 DFP7	DFP8 DFP9	DFP10D	DFP11	DFP12D	DFP7AX
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

DYNAPAC LIGHT EQUIPMENT

Learn more at
dynapac.com/en/lights-on

Available at Dynapac outlets or dealers
www.dynapac.com/contacts

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Your Partner on the Road Ahead

DYNAPAC
FAYAT GROUP

Dynapac Compaction Equipment AB
Industrivägen 2, 37123 Karlskrona, Sweden
Phone: +46 455 30 60 00
www.dynapac.com