

DYNAPAC

# LIGHT COMPACTION RANGE

RAMMERS - PLATES - ROLLERS





LIGHT EQUIPMENT

# LIGHT'S ON! GAME ON!

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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!



# FORWARD PLATES DFP SERIES

**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. THE TUBULAR FRAME PROTECTS THE POWER-PACK AGAINST ROUGH HANDLING DURING LIFETIME.**



## 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.



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.



TECHNICAL DATA	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	5400 vpm	90 Hz	5400 vpm	90 Hz	5400 vpm	90 Hz	5400 vpm
Amplitude	1,33 mm	0.052 in	1,33 mm	0.052 in	0,89 mm	0.039 in	1,63 mm	0.064 in
Centrifugal force	10 kN	2248 lb	12 kN	2698 lb	10 kN	2248 lb	18 kN	4047 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	



DFP10D		DFP11		DFP12D		DFP7AX	
104 kg	229 lb	108 kg	238 lb	122 kg	269 lb	72 kg	181 lb
450 mm	18 in	500 mm	20 in	500 mm	20 in	500 mm	20 in
90 Hz	5400 vpm	92 Hz	5520 vpm	92 Hz	5520 vpm	92 Hz	5520 vpm
1,63 mm	0.064 in	1,75 mm	0.069 in	1,75 mm	0.069 in	1,1 mm	0.043 in
18 kN	4047 lb	25 kN	5620 lb	25 kN	5620 lb	12 kN	2698 lb
25 m/min	82 ft/min	30 m/min	98 ft/min	25 m/min	98 ft/min	25 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	



# FORWARD PLATES DFPX SERIES

## Built for easy use

DFP X series is the perfect all rounder with its versatility in compaction of asphalt, gravel or sand and guaranteed high performance with low maintenance cost.

It also offers ERGO grip handles to improve operator comfort, high wear resistance base for improved durability, and an optional water sprinkler system



TECHNICAL DATA	DFP5X		DFP8X		DFP9X		D.ROUND	
Operating mass	52 kg	115 lb	85 kg	187 lb	91 kg	201 lb	92 kg	203 lb
Plate width	300 mm	12 in	430 mm	17 in	500 mm	20 in	430 mm	17 in
Frequency	155 Hz	6900 vpm	93 Hz	5580 vpm	30 Hz	5580 vpm	91 Hz	5460 vpm
Centrifugal force	9 kN	2023 lb	15 kN	3372 lb	15 kN	3372 lb	14 kN	43147 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	1,8 kW	2,4 hp	3,6 kW	4,8 hp	3,6 kW	4,8 hp	3,6 kW	4,8 hp
Engine	Honda GX120 air cooled gasoline		Honda GX160 air cooled gasoline		Honda GX160 air cooled gasoline		Honda GX160 air cooled gasoline	

# D.ROUND

## Robust all-around protection cage

D.ROUND is one of the uniquely designed product for compaction jobs with tight working space.

With its highly flexible maneuverability and high compaction ability, this becomes the right choice for the job.



## FORWARD PLATES

- Foldable steering handle w: 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

	DFP6	DFP8	DFP10D	DFP11	DFP12D	DFP7AX	DFP5X	DFP8X	DFP8X	D:ROUND
	DFP7	DFP9								
Foldable steering handle w: 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	○	○	○	○	○	○		○	○	



# REVERSIBLE PLATES DRP SERIES

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.



## 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.

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: barrier free access for service



TECHNICAL DATA	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	630 mm	24 in	420 mm	17 in
Frequency	85 Hz	5100 vpm	85 Hz	5100 vpm	80 Hz	4,800 vpm	80 Hz	4800 vpm
Amplitude	1,31 mm	0,061 in	1,55 mm	0,061 in	1,3 mm	0,052 in	1,5 mm	0,051 in
Centrifugal force	25 kN	5620 lb	25 kN	5600 in	35 kN	7,868 lb	35 kN	7868 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	82 ft/min
Power	3,6 kW	4.2 hp	3,1 kW	4.2 hp	3,6 kW	4.8 hp	3,1 kW	4.16 hp
Engine	Honda GX160 air cooled gasoline		Hatz 1B20 air cooled diesel		Honda GX160 air cooled gasoline		Hatz 1B20 air cooled diesel	

DRP25D		DRP40DX		DRP45DX		DRP60D		DRP70D	
260 kg	573 lb	390 kg	860 lb	460 kg	1014 lb	570 kg	1254 lb	687 kg	1515 lb
600 mm	24 in	550 mm	22 in	650 mm	25 in	700 mm	28 in	800 mm	31 in
80 Hz	4800 vpm	66 Hz	3960 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	8992 lbf	50 kN	1124 lbf	60 kN	13489 lbf	70 kN	15736 lbf	100 kN	22481 lbf
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	9,0 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	



# REVERSIBLE PLATES DRQ SERIES

DRQ series from Dynapac offers superior traction with compact design and easy handling makes it suitable for compactions with limited spaces.



**Operator comfort**  
ERGO handle on the DRQ series provides operator comfort and reduced HAV.

**Easy access**  
Semi open frame provides easy access for service and the required equipment safety.

**High durability**  
Hardox® bottom to ensures high wear resistance and long working period



TECHNICAL DATA	DRQ15		DRQ25		DRQ30	
Operating mass	163 kg	359 lb	230 kg	507 lb	280 kg	617 lb
Plate width	450 mm	18 in	500 mm	20 in	550 mm	22 in
Frequency	83 Hz	4980 vpm	78 Hz	4680 vpm	79 Hz	4740 vpm
Centrifugal force	32 kN	7194 lbf	38 kN	8543 lbf	40 kN	8992 lbf
Max. working speed	25 m/min	82 ft/min	25 m/min	82 ft/min	25 m/min	82 ft/min
Power	34,1 kW	5,5 hp	4,1 kW	5,5 hp	6 kW	8,0 hp
Engine	Honda GX 200 air cooled gasoline		Honda GX 200 air cooled diesel		Honda GX 270 air cooled gasoline	



DRP SERIES	DRP15X	DRP15D	DRP20	DRP20D	DRP25D	DR45DX	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	○	○	○	○	○	○	○	○

DRQ SERIES	DRQ15	DRQ25	DRQ30
Control handle with vibration isolation	■	■	■
Height adjustable control lever	■	■	■
Control lever lock in transport position	■	■	■
Reverse drive protection	■	■	■
Highly wear resistant hardox base plate	■	■	■
Protection hood	■	■	■
All around protection for V-belt	■	■	■
One point lift	■	■	■
Recoil starter	■	■	■
Block paving mat	○	○	○





**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.**

# TWIN DRUM ROLLER DOUBLE POWER

### High quality results with minimum passes

The vibration module on the DTR75 series with the selection of two amplitudes along with continuously variable speed selector ensures ensures a smooth surface and guaranteed uniform compaction with reduced number of passes and time.



### Powerful drive with minimum lateral overhang

The hydrostatic drive delivers high transport speed and also high operating speed with high gradeability. The smart frame design also ensures minimum lateral overhang which allows compaction right up edge for jobsites with high side wall.



### Easy access and easy start

The shell is designed to have easy access for daily maintenance and check points along with the required protection for critical components from daily work environment. The product also comes equipped with electric start as standard for easy start.



### 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.



	DTR75		DTR75D	
Operating mass	720 kg	1587 lb	740 kg	1631 lb
Axle load, avg.	360 kg	794 lb	370 kg	816 lb
Drum width	650 mm	25,6 in	650 mm	25,6 in
Speed 1, forward / reverse	0 - 5,9 km/h	0 - 3,6 km/h	0 - 5,9 km/h	0 - 3,6 km/h
Speed 2, forward / reverse	0 - 2,5 km/h	0 - 1,5 km/h	0 - 2,5 km/h	0 - 1,5 km/h
Centrifugal force, front / rear	25/13 kN	5620/2922 lbf	25/13 kN	5620/2922 lbf
Vibration frequency	63/63 Hz	3780/3780 vpm	63/63 Hz	3780/3780 vpm
Amplitude, front / rear	0,5/0,25 mm	0,2 / 0,1 in	0,5/0,25 mm	0,2 / 0,1 in
Power	8,2 kW	11 hp	6,3 kW	11 hp
Engine	Honda GX 390 air cooled gasoline		Kohler KD15-440 air cooled diesel	

### 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





### 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.

#### 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



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
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	Kohler KDW 1003	Kohler KDW 1003
Type	water cooled, diesel	water cooled, diesel
Power	12,8 kW	17.17 hp
Drive system	hydrostatic	hydrostatic
Emissions	Stage V, TIER4f	Stage V, TIER4f



#### 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.





**PACKS A PUNCH**

Keep the engine running efficient & avoid breakdowns 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**



	<b>DR6X</b>		<b>DR7</b>		<b>DR7X</b>	
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	



# HEAVY DUTY RAMMERS

The DR8D is the perfect combination of heavy-duty performance and low running cost with best compaction results:

DR8D is solid built for high clay content soil compaction with low maintenance. It is equipped with a highly efficient Yanmar L48N Engine with easy starting functionality.



## RAMMERS

	DR6X	DR7X	DR7	DR8D
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	○	○	○	○

## DR8D

Operating mass	86 kg	190 lbs
Shoe width	230 mm	9 in
Max. working speed	20 m/min	65.6 ft/min
Impact force	17,5 kN	17.5 kN
Vibration frequency	10 - 12 Hz	600 - 720 vpm
Power	3,5 kW	3.8 hp
Engine	Yanmar L48N air cooled Diesel	



## 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





# AVAILABLE AT DYNAPAC OUTLETS OR DEALER

## Application overview

