**DYNAPAC** 

**RAMMERS, PLATES, ROLLERS & SPECIALS** 

### LIGHT EQUIPMENT PORTFOLIO







LIGHT EQUIPMENT

### PERFECT HELPER FOR EVERY SURFACE



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



### **OPERATOR COMFORT**

### LOW HAV HANDLES

Comfort operation all day with low Hand Arm Vibration (HAV) levels on standard handles (<5 m/s<sup>2</sup>). The levels are further lowered with the use of optional comfort handles.

### ONE POINT LIFT

Provides ease of equipment loading or unloading on jobsite with a forklift or other machinery.

### TRANSPORT WHEELS

As option further simplifies the moment of the machine in the jobsite.



### **BUILT TOUGH**

### **ENGINE PROTECTION FRAME**

Equipment is designed to withstand workplace abuse with safeguarding the engine from heavy material falls and potential accidents but also easy and convenient access for regular checks and maintenance.

### **V-BELT PROTECTION COVER**

Around the V-belt offers protection against dust and weather conditions maximizing the service life of the V-belt and the other components.

### **DRIVE UNITS**



### **PRODUCTIVITY**

### WEAR RESISTANT BOTTOM PLATE

Purpose built and designed cast iron bottom plates to handle all kind of material.

### WATER SPRINKLER SYSTEM

Settles dust and prevents material sticking on the bottom plate in asphalt application delivering optimum results.

### SYTHETIC MATS

Easy add on synthetic mats for block paving application.





### FORWARD PLATES DFP7AX ASPHALT SPECIAL

### **SPECIAL BASE-PLATE DESIGN**

The tapered edges for making swift turns without leaving any marks.

### **SPRINKLER SYSTEM**

The top spray with flow-controlled sprinkler system guarantees that no material adheres to the plate.

### **QUICK RELEASE TANK**

The quick dismount of water tank ensures easy refills in between work. The level indicator on the tank further assists the operator in keep a check on the water level.

### THE ASPHALT MAESTRO

The weight, frequency and amplitude are optimized for the right finish on asphalt.





# FORWARD PLATE SPECIALS D.ROUND

### **RIGHT SIZE, RIGHT FORCE**

Optimum width and right compaction force ensuring non damaged optic cables during the operation.

### **HIGH MANEUVERABILITY**

Special design handle ensure easy steering of the machine with easy U-turn possibility.

### **BUILT TOUGH**

All round engine protection with V-belt protection.

### **EASE OF MOVEMENT**

Single point lift placing the machine in and out of the trenches and also for transport.



## FORWARD PLATES DFP SERIES



		DFP5X	DFP6	DFP7	DFP8
OPERATING MASS	kg	52	65	72	83
OPERATING WIDTH	mm	300	350	400	360
CENTRIFUGAL FORCE	kN	9	10	12	10
ENGINE MODEL		Honda GXR120	Honda GX120	Honda GX120	Honda GX120
EQUIPMENT ACCESSORIES					
WATER TANK, DETACHABLE, TOP SPRINKLER (13.5L)					
WATER TANK, DETACHABLE, BOTTOM SPRINKLER (6L,7L)					
WATER TANK, FIXED, BOTTOM SPRINKLER (11L)					
COMFORT HANDLE, HAV < 2.5 m/s <sup>2</sup>					
COMFORT HANDLE, HAV < 2.5 m/s², CENTER MOUNT					
COMFORT HANDLE, HAV < 3.2 m/s², ERGO GRIP					
TRANSPORT WHEELS					$\bigcirc$
SYNTHETIC MATS			$\bigcirc$	$\bigcirc$	$\circ$





DFP8X	DFP9	DFP9X	DFP10D	DFP11	DFP12D	DFP7AX	D.ROUND
90	91	94	104	108	122	82	88
430	450	500	450	500	500	500	430
15	18	19	18	25	25	12	14
Honda GX160	Honda GX160	Honda GX160	Hatz 1B20	Honda GX160	Hatz 1B20	Honda GX120	Honda GX160
						Standard	
			$\bigcirc$		$\bigcirc$		





## REVERSIBLE PLATES DRP SERIES



### **OPERATOR COMFORT**

### **LOW HAV HANDLES**

Ensures comfortable operation and with reduced Hand Arm Vibration (HAV) values longer working hours are permitted.

### REVERSE DRIVE PROTECTION

The operator is always safe from the machine running over when operating in reverse.

### ONE POINT LIFT

Ease of equipment loading or unloading on jobsite with a forklift or other machinery.

### **E-START**

Easy and effortless starting process. The machine is also equipped with back up recoil starters as standard.



### **EASY MAINTAINENCE**

### **SELF-CLEANING BASE PLATE**

Open-style construction base-plate prevents the stones from getting stuck, thus reducing the wear & tear.

### SWING OPEN HOOD

Conveniently provides complete access to daily and period maintenance components of the equipment simplified and easy periodic maintenance to avoid unwanted downtime.

### **HOUR METER**

Helps to track usage of equipment, making it easier to keep schedule maintenance to keep them running efficiently.

### **AUTO BELT TENSIONER**

No periodic checks required for tensioning the belt.

### **ACCESS POCKETS**

Provides easy access to all daily check and maintenance points of the equipment.



### **HIGH QUALITY**

### DYNAPAC COMPACTION INDICATOR (DCI)

An active measuring system to indicate the compaction progress. The system shows the compaction level on a light display providing the operator conclusion on compacted material thus avoiding unnecessary passes.



### **EXTENSION PLATES**

Easily adaptable to the requirement of the job without having to invest on completely new machine.



### **BUILT TOUGH**

### ALL-AROUND PROTECTION HOOD

Keeps the equipment safe and sound under rough conditions including accidental hits from a forklift or wheel loader.

### **V-BELT PROTECTION**

In addition to the protection hood V-belt has its own cover that keeps the belt protected from dust and dirt ensuring maximised lifetime.



## REVERSIBLE PLATES DRP SERIES



		DRP15X	DRP15D	DRP15DX	DRP20	DRP20D	
OPERATING MASS	kg	140	150	155	205	210	
OPERATING WIDTH	mm	500	400	200	600	420	
CENTRIFUGAL FORCE	kN	25	25	25	35	35	
ENGINE MODEL		Honda GX160	Hatz 1B20	Hatz 1B20	Honda GX160	Hatz 1B20	
EQUIPMENT ACCESSORIES							
EXTENSION PLATES (50 mm, 150 mm)							
HOUR METER							
E-START							
TRANSPORT WHEELS							
WATER TANK, (12L)			$\circ$				
SYNTHETIC MATS							





DRP20DX	DRP25D	DRP40DX	DRP45DX	DRP60D	DRP70D
225	280	405	460	570	687
600	600	550	650	700	800
35	40	50	60	70	100
Hatz 1B20	Hatz 1B20	Hatz 1B40	Hatz 1B40	Hatz 1D81	Hatz 1D90
$\bigcirc$	Standard	Standard	Standard	Standard	Standard
	Standard	Standard	Standard	Standard	Standard
$\bigcirc$					





### REVERSIBLE PLATES DRQ SERIES



### **OPERATOR COMFORT**

### **LOW HAV HANDLES**

Ensures comfortable operation and with reduced Hand Arm vibration (HAV) values longer working hours are permitted.

### REVERSE DRIVE PROTECTION

The operator is always safe from the machine running over when operating in reverse.

### **LOCKABLE HANDLES**

Locking foldable handle reduces the overall length of the machine and the locking mechanism holds it there during transport.

### ONE POINT LIFT

Easy loading or unloading on jobsite with a forklift or other machinery. The equipment is also equipped with tie down points for safe transport.



### **BUILT TOUGH**

### HARDOX BOTTOM PLATE

Can withstand abrasive material in soil during compaction making it less prone to wear and damages.

### SELF-CLEANING BASE PLATE

Open-style construction base-plate prevents the stones from getting stuck, thus reducing the wear & tear.

### V-BELT PROTECTION

The V-belt cover keeps the belt protected all time from dust and dirt ensuring maximised lifetime.



### **EASY MAINTAINENCE**

### **SEMI OPEN FRAME**

Not only ensures protection from material fall over but also allows more access to daily maintenance and serviceable components.

### **BUILT IN BELT TENSIONER**

Makes belt tensioning process simple and quick.

### **ACCESS POCKETS**

Provides easy access to all daily check and maintenance points of the equipment.









		DRQ15	DRQ25	DRQ30	DRQ35		
OPERATING MASS	kg	165	240	282	337		
OPERATING WIDTH	mm	400/450	500	550	600		
CENTRIFUGAL FORCE	kN	32	38	40	55		
ENGINE MODEL		Honda GX200	Honda GX200	Honda GX270	Honda GX390		
EQUIPMENT ACCESSORIES							
SYNTHETIC MATS							



### RAMMER DR SERIES



### **OPERATOR COMFORT**

### **LOW HAV HANDLES**

Low vibration levels ensure comfortable operation and reduced Hand arm vibration (HAV) values allows stress free working all day. DR6X also has the lowest HAV in its class with vibration less than 5m/s².

### **HEIGHT ADJUSTABLE HANDLE**

Provides a high & low setting with a difference of 10cm / 4in based on the operator requirement.

### **MULTIFUNCTIONAL KNOB**

The knob controls both fuel supply and engine stop function. The operator does not have to worry about forgetting to switch the fuel supply off after switching off the rammer.

### CASTOR WHEELS WITH VERTICALLY ORIENTED GRIP

Provides easy moment of rammer and also minimizes strain on the arm by providing an easy lift.

### ONE POINT LIFT

Provides ease of equipment loading or unloading on jobsite with a forklift or other machinery.

### TRANSPORT WHEELS

Puncture proof wheels with easy mounting for ease of transport.



### LOW MAINTAINENCE AND DOWNTIME

### **SELF CLEANING HOUSING**

Prevents dust build up around the prefilter making it more efficient and also ensures the longer life on the engine filter that lasts a full season.

### **HOUR METER**

Helps to track usage of equipment, making it easier to keep schedule maintenance and service to keep them running efficiently. The hour meter also doubles as RPM meter with low RPM indication.

### LOW OIL INDICATOR

Avoids bad surprises with engine breakdown, ensuring engine is not started with low oil levels.

### SWAPPABLE FOOT TYPES

Meets different application requirement with different foot types and widths. The foots can be easily swapped by removing just four bolts.



### **BUILT TOUGH**

### **DUAL STAGE AIRFILTER**

The engine running efficient without breakdowns with dual stage air filtration even in toughest work environment

### ALL ROUND PROTECTION

The rammer can withstand a fall from any side or material falling over it. The engine also is protected from all sides, avoiding breakdowns due to transport and rough handling.

### **HONDA GXR**

The engine is built for a rammer application to meet the high demands. The rammer can be transported horizontally and crank up promptly without the need for extensive setup, saving valuable time.



### RAMMER DR SERIES





		DR6X	DR7X				
OPERATING MASS	kg	58	68				
OPERATING WIDTH	mm	230	280				
CENTRIFUGAL FORCE	kN	15.0	17.0				
ENGINE MODEL		Honda GXR 120	Honda GXR 120				
EQUIPMENT ACCESSORIES							
TRANSPORT WHEELS		0	$\bigcirc$				
FOOT WIDTHS			$\bigcirc$				
FOOT EXTENSIONS							





## TWINDRUM ROLLER DTR SERIES



### **OPERATOR COMFORT**

### **ANTI-CRUSH MECHANISM**

On the operator handle and a parking brake ensures a safe operating environment.

### LOW VIBRATION HANDLE

Minimizes operator fatigue and allow long hours of stress-free operation easily.

### **E-START**

Easy and effortless starting process. The machine is also equipped with back up recoil starter as standard.

### **LOCKABLE HANDLES**

Locking foldable handle reduces the overall length of the machine and the locking mechanism holds it there during transport.



### **EASY MAINTAINENCE**

### **EASY SERVICE ACCESS**

All service point can be readily reached for routine maintenance, thereby minimizing both service duration and downtime hours.

### HOUR METER

Help to track usage of equipment, making it easier to keep schedule maintenance and service to keep them running efficiently.



### **HIGH QUALITY**

### **DUAL AMPLITUDE**

The dual-amplitude oscillator effectively meets the job specifications, delivering both high-quality results by achieving depth with high amplitude and ensuring a smooth finish with low amplitude.

### HYDROSTATIC DRIVEN DRUMS

The hydrostatic drive ensures smooth start/stop with precise speed control and delivers high operating and transport speed with high gradeability.



### **PRODUCTIVITY**

### MINIMUM FRAME OVERHANG

Makes compaction possible very close to the wall. The ground clearance also allows compaction along the curb.

### **ADJUSTABLE SCRAPPERS**

Each drum is equipped with scrappers which constantly clean up the drum surface to get the best compaction results. The scrappers are also easily accessible for cleaning with minimum effort.

### LARGE WATER TANK OF 60L

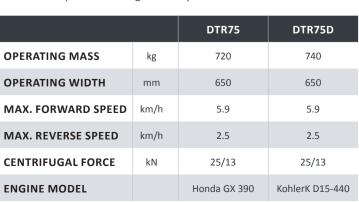
Makes it more practical and can be used for relatively longer periods without having to re-fill. The water flow can be regulated based on the compacted material and also drained easily to avoid frosting.



### **BUILT TOUGH**

### ALL ROUND PROTECTION

The roller can withstand material fall over it and accidental damages from other machines due to the protection frame and the all round metal protection.









### **MAXIMUM UPTIME**

### ON BOARD DIAGNOSTICS

Ensures fast trouble shooting of a problem and gets the machine back to work mode in no time.

### STRONG HOOD

Built tough to avoid damages from handle material falling over or equipment top over.

### LONG BATTERY LIFE

The battery life of 40hrs ensures a complete work week of stress free operation to the operator. Alternatively, the machine can still be operated connected to cable if required.

### **AUTO ENGINE STOP**

Prevents engine breakdown by shutting it down at a lateral angle more than 45°.



### **HIGH QUALITY**

### **AUTOMATIC VIBRATION CONTROL (AVC)**

A feature that regulates the speed and vibration, the trench roller ensures excellent results in cohesive soil.

### **DUAL AMPLITUDE**

Two separate vibrations are available based on the requirement. The AVC works in combination to deliver superior compaction quality with a choice of high and low amplitude vibration depending on the required compaction levels.

### DYNAPAC COMPACTION INDICATOR (DCI)

Is an active measuring system to indicate the operator on the compaction progress and avoids unnecessary passes. The system shows the compaction level on a light display providing the operator conclusion on compacted material.

### **ARTICULATED STEERING**

This feature enhanced maneuverability in tight spaces and improves traction on uneven terrain, with increased stability for compaction.



### **MAXIMUM ROI**

### DETACHABLE DRUM EXTENSIONS

As a standard feature that let's you use the same equipment in tighter spaces and trenches.

### **SMOOTH DRUM**

Attachment gives you the flexibility to take up special jobs without investing on completely new equipment.

24 Dynapac LIGHT EQUIPMENT





### **STAY CONNECTED**

### **RADIO FREQUENCY REMOTE**

The radio-controlled remote technology is not sensitive to weather conditions and can work trouble free in conditions with extreme sunlight. Thus, you can focus on the compaction job rather than struggling to stay connected even in deep trenches with shoring.

### **ALL OPERATIONS ON REMOTE**

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.



### **OPERATOR COMFORT**

### **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.



### **SAVINGS**

### **ECOMODE**

Operation keeps the diesel costs in check by regulating the engine speed.

### MAINTENANCE FREE JOINT

Save on the time and effort of applying grease multiple times a day.





DYNAPAC COMPACTION INDICATOR



**ON BOARD DIAGNOSTICS** 



ECO MODE

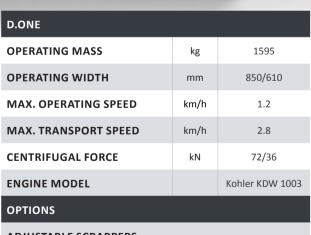


**ACTIVE SAFE ZONE** 



## UTILITY ROLLER D.ONE





**ADJUSTABLE SCRAPPERS** 

PORTABLE CHARGER & BATTERY

**SMOOTH DRUM** 



**ARTICULATED STEERING** 



**REMOVABLE EXTENSIONS** 



SMOOTH DRUM



ADJUSTABLE SCRAPER



### MINI PAVER F80W



### **OPERATOR COMFORT**

### SIMPLE AND USER FRIENDLY CONTROLS

Easy to learn and simple dashboard layout. Always stay in control with easily reachable dashboard layout.

### **LOW TURNING RADIUS**

Maneuver easily in tight spaces with the three-wheel construction with 1m turning radius.

### ASSISTED FUNCTIONS

Stress-free and comfortable operation with hydraulic screed extension, auto conveyor & auger control.

### **E-START**

Easy and effortless starting process. The machine is also comes equipped with back up recoil starters as standard.



### **HIGH PRODUCTIVITY**

### VARIABLE SCREED EXTENSION

Effortlessly adjust to varying paving widths through the hydraulic extension of the screed.

### SCREED AND AUGER EXTENSION

Simple add on installation of extensions for screed and auger to accommodate wider paving projects.

### **COPYING ROLLERS**

Simply follow the predefined profile of the road to lay the new mat of asphalt. The option saves time with no requirement to adjust the screed height during the job.

### TWIN REAR WHEEL

Provides that extra traction for demanding jobsites.



### **MAXIMUM ROI**

### **COMPACT SIZE**

The low height and length of the machine makes it an ideal choice for tight space application like underground parking garages. The compact size also makes it very easy for transport.

### LESS TIME TO SET UP

The machine can be easily unloaded and set up quickly for a jobsite. The propane gas heating also helps in fast heat up of screed.

### **ERROR DIAGNOSTICS SYSTEM**

Fast trouble shooting with machine diagnostics with error codes. This helps in keeping the downtime low by reducing the service time.



### **OPTIONS**

**COPYING ROLLER** 

**HOPPER FILLING HELP** 

**MECHANICAL EXTENSION 2 X 175 mm** 

**AUGER LED LIGHT** 

TWIN REAR WHEELS

FRONT WHEEL SCRAPER



## **S100 MIX SPREADER**



### **OPERATOR COMFORT**

### **MUSCULAR SKELETAL DISORDER**

Avoids musculoskeletal injuries and problems, including strains and sprains, muscle and joint pains, broken bonescause by excessive and long hours of muscle effort force

### **SELF PROPELLED**

The two wheel drive system takes all the load and makes it easy to move during operation & from point to point. The castor wheel on the rear makes it easy to handle tight manuevers.

### SIMPLE CONTROLS

The equipment's controls are all reachable easily by the operator making it very easy and simple to operate.



### **HIGH PRODUCTIVITY**

### **VARIOUS APPLICATION**

The equipment can be used for spreading different material like asphalt, sand, gravel.

### MAT AND PROFILE CONTROL

The height of the screed and the profile can be easily adjusted by the operator depending on the requirement of the job.

### **ADJUATABLE HATCHES**

The hatches which can be independently opened or closed as required by the job.

S100		
LOADED MASS	kg	720
OPERATING WIDTH	mm	250-1000
HOPPER CAPACITY	1	150
SPREAD HEIGHT	mm	100
HATCHES		4
DRIVE UNIT		Honda GXV 160



## PICK 'N SPRAY EMULSION SPRAYER



### **OPERATOR COMFORT**

### **ALL IN ONE MODULE**

The emulsion tank including all components of the spray system including the engine and hydraulics are built into one compact module that can be easily installed on pickup truck, mini truck or tractor.

### IN CAB CONTROLS

The complete spray system can be operated from inside the cab including separated nozzle control for various spray application and fine end adjustments.

### **QUICK SET UP**

Emulsion can be loaded in under 15 minutes. The spray bars are quickly unfolded for spraying during spray mode.

### APPLICATION MODE

The emulsion can be sprayed using the spray bar or using hand lance depending on the requirement

PICK 'N SPRAY		
LOADED MASS	kg	1200
OPERATING WIDTH	mm	2400
TANK CAPACITY	1	600
MAX SPRAY SPEED	km/h	5
SPRAY RATE	g/m3	100-500
NOZZLES	units	12
DRIVE UNIT		Honda GX200

Pick-up truck is not included!



### **HIGH QUALITY**

### **HOMOGENIUOS MIX**

The emulsion is always maintained at the optimum temperature for spraying using automated temperature control heating unit in combination with the tank insulation and continuous circulation.

### PRECISE SPRAY RATE

The emulsion flow rate is controlled using a pump which provides operator precise control over the spray rate.

### **DROP LESS PURGE**

Compressed air pushes back the emulsion back to the tank without even a drop of emulsion falling on the ground.





## FOR AN EMISSION FREE WORLD

### $Z. \equiv Z \Lambda$

### **EMISSION FREE WORKPLACE**

The Z.ERA program at Danypac is helping accelerate our continual push towards an emission-free workplace

### **LOWER OPERATING COSTS**

Among the many benefits of alternative energy-powered plates compared to their diesl-powered counterparts are a lower carbon footprint, more savings from lower opeating costs, and less wear and tear from fewer fluids and moving parts.





### **SUSTAINABILITY**

- Emission-free at point of use; no more exhaust fumes
- Reduced wastage and consumables compared to conventional engines



### **OPERATOR COMFORT**

- Safe and healthy without exhaust fumes
- Effortless start/stop with the battery drive
- Tool-less and quickly swappable battery
- Low HAV level handle



### **MAXIMUM UPTIME**

- Recharge the Li-ion batteries with portable charging possibility
- Battery charge status & error indicators
- All-around fall protection for battery and motor



### **HIGH PRODUCTIVITY**

- Uncompromised power with the high-performance electric motor
- Multiple options and accessories to meet different jobsite requirement



### LOW COST OF OWNERSHIP

- Maintenance free electric motor
- No air and fuel filters to be maintained
- Fail-safe electric drive with error indication



## FOR AN EMISSION FREE WORLD

		DFP5X e	DFP8X e	DFP9X e
OPERATING WEIGHT WITH BATTERY	kg	52	98.5	102
OPERATING WIDTH	mm	300	430	500
CENTRIFUGAL FORCE	kN	9	15	15
MOTOR TYPE/ELECTRIC PLATFORM		IPM Motor	Honda eGX	Honda eGX
BATTERY CAPACITY	Wh	1000	740	740
RUNTIME APPROXIMATE	mins	60	35	35
CHARGE TIME FULL APPROXIMATE	mins	120	90	90
EQUIPMENT ACCESSORIES				
WATER TANK, FIXED, 13.5L			0	0
SYNTHETIC MAT		0	$\circ$	$\circ$
BATTERY		0	$\circ$	0
CHARGER		0	0	$\circ$

		DR6X e
OPERATING WEIGHT WITH BATTERY	kg	71
OPERATING WIDTH	mm	230
CENTRIFUGAL FORCE	kN	15
ELECTRIC PLATFORM		Batteryone
RUNTIME APPROXIMATE		
BATTERYONE BOB10	mins	30
CHARGE TIME APPROXIMATE		120
BATTERYONE BOC13	mins	50
BATTERYONE BOC7	mins	90
<b>EQUIPMENT ACCESSORIES</b>		
TRANSPORT WHEEL PUNCTURE PROOF		0
FOOT WIDTHS		0
BATTERY		0
CHARGER		0





### **CONTACT US**

FOR MORE INFORMATIONS

Your contact:

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