



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	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.



One  
point  
control

Barrier free  
connection

Weather  
proof  
connection

**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

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.



**AZS**

for safety



### 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	○	○
Service kit	○	○



### FORWARD PLATES

	DFP6 DFP7	DFP8 DFP9	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	○	○	○	○	○
Service Kit	○	○	○	○	○



### 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	DRP20	DRP25D	DR45DX	DRP70D
Control handle with vibration isolation	■	■	■	■	■
Height adjustable control lever	■	■	■	■	■
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 starter	■	■	■	■	
Crank start handle					○
Electric starter			○	■	■
Hour meter		■	○	■	■
Extension plate				○	○
Water sprinkler system 12l	○				
Puncture proof transport wheels	○	○	○		
Block paving mat	○	○	○	○	○
Service Kit	○	○	○	○	○

## SERVICE AND SUPPORT



### WARRANTY

Standard warranty  
Dynapac Plus 12  
Extended warranty with  
service agreements



### PARTSONLINE

Genuine Parts  
Genuine Fluids  
Parts Manuals  
Service Manuals



### KITS

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Repair Kits



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