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Double-Drum Road Rollers and Single-Drum Road Roller

The ride-in roller series features dual drum drive and articulated steering for extremely accurate control. Front drum vibration with static rear drum leaves a quality asphalt finish. Outstanding overall roller performance and a high exciter frequency allows compaction at faster speeds while still delivering even coverage and excellent results.



CR93

Technical Parameters

Hydraulic&Reversible Ride-on Tw-drum road roller

| Description | Metric | | Imperial | |
|--|---|-----|--------------------|----------|
| | | | | |
| Length x width x height (handle in working position) | 1770 x 800 x 1090 | mm | 69.6 x 31.5 x 42.9 | in |
| Net Weight | 484 | kg | 1068 | lb |
| Operating weight | 500 | kg | 1104 | lb |
| Front drum width | 650 | mm | 25.5 | in |
| Front drum diameter | 500 | mm | 19.8 | in |
| Rear drum width | 450 | mm | 17.6 | in |
| Rear drum diameter | 400 | mm | 15.8 | in |
| Water tank capacity | 53 | l | 14 | US gal |
| Shipping Gross Weight | 570 | kg | 1,258 | lb |
| Drive method | Static hydraulic system | | | |
| Walking method | Forward and reverse | | | |
| Vibrating clutch method | manual | | | |
| Shipping size(L*W*H) | 1960X 950 X 1290 | mm | 77.1 x 37.4 x 50.7 | in |
| Engine | air-cooled, 4-cycle, single cylinder, gasoline engine | | | |
| Engine Type | HONDA GX270 9HP | | | |
| Starting system | Recoil | | | |
| Displacement | 413 | cm3 | 25.2 | in3 |
| Fuel consumption | 1,67 | l/h | .44 | US gal/h |
| Fuel tank capacity | 6 | l | 1.56 | US gal |

| | | | | |
|-------------------------------------|-------------|-------------------|---------|--------------------|
| Hydraulic tank capacity | 30 | l | 8 | US gal |
| Dynamic (centrifugal) force | 20 | kN | 4,500 | lb |
| Frequency | 70 | Hz | 4,200 | vpm |
| Static linear force per drum (f/r) | 8.7/3.8 | N/mm | 50/25.8 | lb/in |
| Dynamic linear force per drum (f/r) | 10,0/10,0 | N/mm | 57/57 | lb/in |
| Variable speeds - Forward | 0-4,0 | km/h | 0-2.5 | mph |
| Variable speeds - Forward | 0-67 | m/min | 0-220 | ft/min |
| Variable speeds - Reverse | 0-2,0 | km/h | 0-1.2 | mph |
| Variable speeds - Reverse | 0-32 | m/min | 0-105 | ft/min |
| Grade ability without vibration | 25 | % | 25 | % |
| Max. area capacity | 2.613 | m ² /h | 28,115 | ft ² /h |
| Sprinkling system | gravity fed | | | |
| Fuel type | Gas | | | |
| Static weight per drum (f/r) | 350/150 | kg | 770/330 | lb |

Main Functions

- 1、 With small operating radius, make sure it can working within small area.
- 2、 To adopt international famous brand for hydraulic driving system, which is stepless speed regulation and reverting conveniently.
- 3、 Self-locking reverting mechanism, make sure reverting easily and operating conveniently.
- 4、 Stainless steel water sprinkling pipe with filtering net, make water flow smoothly.
- 5、 For drive elements , adopts NSK bearing and MITSUBOSHI V-belt from Japan to make sure the performance of whole machine.
- 6、 The whole machine frame is plastic treated, so it is anti-rusting, anti-corrosion and beautiful.

The machine is mainly used to compress the surface of asphalt, sand soil and gravel. It is also used to compact the track in the school and the lawns.



CR99

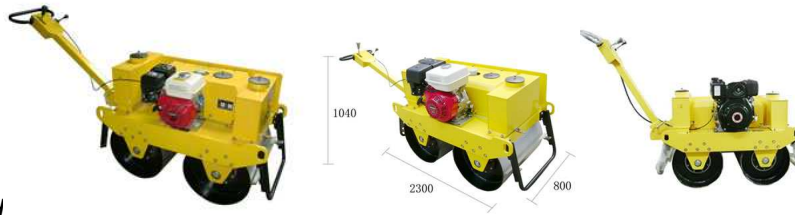
Technical parameters

| Type | CR99 |
|-------------------|--|
| Power | 18HP/ Gasoline engine or diesel engine |
| Walking speed | 2.4—4km/h |
| Vibratory method | Hydraulic Force |
| Roller size | Φ560*900mm(Front) |
| | Φ560*900mm(Rear) |
| Centrifugal force | 13.5KN |
| Impact frequency | 65hz |
| Clutch method | Manual |
| Grade ability | 25 % |
| Weight | 1200kg |

Main Functions

1. With HONDA or Kamal diesel engine ,excellent performance and start easily.
2. For drive mechanism, adopts imported static hydraulic drive device with stepless speed regulation and reverting conveniently.
3. We have imported the hydraulic variable displacement pump and moto; it is infinite variable speed, drives forward and backward and makes easier for the machine to change direction.
4. We adopt the NSK bearing, which ensures the good performance of machine.
5. The driving seat is flexible, so driver could adjust it according to his willing.
6. The whole machine frame is plastic treated, so it is anti-rusting, anti-corrosion and beautiful.

Walk behind Two-drum road roller



CR90H

Two-drum Vibratory Roller **CR90H**

The walk-behind, double drum vibratory roller is capable of performing a wide range of soil and asphalt compaction applications. The exclusive compact design allows for tight side clearance on both sides of the roller. Plus the totally hydrostatic drive eliminates mechanical components providing for less maintenance and greater reliability.

Technical parameters

| Description | Metric | | Imperial | |
|--|---|-------|--------------------|----------|
| Length x width x height (handle in working position) | 2300x 800 x 1040 | mm | 90.5 x 31.5 x 40.9 | in |
| Net Weight | 434 | kg | 958 | lb |
| Operating weight | 450 | kg | 993 | lb |
| Front drum width | 600 | mm | 23.5 | in |
| Front drum diameter | 450 | mm | 17.8 | in |
| Rear drum width | 600 | mm | 23.5 | in |
| Rear drum diameter | 450 | mm | 17.8 | in |
| Drive method | Static hydraulic | | | |
| Walking method | Forward and reversible | | | |
| Vibrating clutch method | automatic | | | |
| Water tank capacity | 53 | l | 14 | US gal |
| Shipping weight (including packaging) | 507 | kg | 1119 | lb |
| Shipping size | 1550 X 940 X 1080 | mm | 60.9 x 36.9 x 42.5 | in |
| Engine Type | air-cooled, 4-cycle, single cylinder HONDA GX270, gasoline engine | | | |
| Starting system | Hand crank | | | |
| Displacement | 413 | cm3 | 25.2 | in3 |
| Max. Rated Power @ Rated Speed* | 6.6 kW @ 3600 rpm, | | | |
| at | 2.600 | 1/min | 2,600 | rpm |
| Operating speed | 2.600 | 1/min | 2,600 | rpm |
| Fuel consumption | 1,67 | l/h | .44 | US gal/h |
| Fuel tank capacity | 6 | l | 1.56 | US gal |
| Hydraulic tank capacity | 30 | l | 8 | US gal |
| Dynamic (centrifugal) force | 20 | kN | 4,500 | lb |
| Frequency | 70 | Hz | 4,200 | vpm |
| Static linear force per drum (f/r) | 5/7,5 | N/mm | 29/43 | lb/in |
| Dynamic linear force per drum (f/r) | 10,0/10,0 | N/mm | 57/57 | lb/in |

| | | | | |
|---------------------------------|-------------|-------------------|---------|--------------------|
| Variable speeds - Forward | 0-4,0 | km/h | 0-2.5 | mph |
| Variable speeds - Forward | 0-67 | m/min | 0-220 | ft/min |
| Variable speeds - Reverse | 0-2,0 | km/h | 0-1.2 | mph |
| Variable speeds - Reverse | 0-32 | m/min | 0-105 | ft/min |
| Grade ability without vibration | 25 | % | 25 | % |
| Max. area capacity | 2.613 | m ² /h | 28,115 | ft ² /h |
| Sprinkling system | gravity fed | | | |
| Fuel type | Gas | | | |
| Static weight per drum (f/r) | 200/250 | kg | 440/550 | lb |

Main Functions

- 1、 With small operating radius,make sure it can working within small area.
- 2、 To adopt international famous brand for hydraulic driving system, which is stepless speed regulation and reverting conveniently.
- 3、 Self-locking reverting mechanism,make sure reverting easily and operating conveniently.
- 4、 Stainless steel water sprinkling pipe with filtering net,make water flow smoothly.
- 5、 For handrail,adopts plane gear adjusting mechanism,not only suitable for people with different heights to operate,but also can be transported easily.
- 6、 For drive elements , adopts NSK bearing and MITSUBOSHI V-belt from Japan to make sure the performance of whole machine.
- 7、 The whole machine frame is plastic treated, so it is anti-rusting, anti-corrosion and beautiful.

Double Drum Vibratory Roller CR91

The walk-behind, double drum vibratory roller is capable of performing a wide range of soil and asphalt compaction applications. The exclusive compact design allows for tight side clearance on both sides of the roller. Plus the totally hydrostatic drive eliminates mechanical components providing for less maintenance and greater reliability.



CR91

Technical parameters

| Description | Metric | | Imperial | |
|--|---|-----------------|--------------------|-----------------|
| | | | | |
| Length x width x height (handle in working position) | 2300x 800 x 1040 | mm | 90.5 x 31.5 x 40.9 | in |
| Operating weight | 490 | kg | 1081 | lb |
| Front drum width | 600 | mm | 23.5 | in |
| Front drum diameter | 450 | mm | 17.8 | in |
| Rear drum width | 600 | mm | 23.5 | in |
| Rear drum diameter | 450 | mm | 17.8 | in |
| Drive method | Static hydraulic | | | |
| Walking method | Return | | | |
| Vibrating clutch method | Manual | | | |
| Water tank capacity | 53 | l | 14 | US gal |
| Shipping weight (including packaging) | 547 | kg | 1207 | lb |
| Engine Type | air-cooled, 4-cycle, single cylinder HONDA GX270, gasoline engine | | | |
| Starting system | Hand crank | | | |
| Displacement | 413 | cm ³ | 25.2 | in ³ |
| Max. Rated Power @ Rated Speed* | 6.6 kW @ 3600 rpm, | | | |
| at | 2.600 | 1/min | 2,600 | rpm |
| Operating speed | 2.600 | 1/min | 2,600 | rpm |
| Fuel consumption | 1,67 | l/h | .44 | US gal/h |
| Fuel tank capacity | 6 | l | 1.56 | US gal |
| Hydraulic tank capacity | 30 | l | 8 | US gal |
| Dynamic (centrifugal) force | 20 | kN | 4,500 | lb |
| Frequency | 70 | Hz | 4,200 | vpm |
| Static linear force per drum (f/r) | 5/7,5 | N/mm | 29/43 | lb/in |
| Dynamic linear force per drum (f/r) | 10,0/10,0 | N/mm | 57/57 | lb/in |

| | | | | |
|---------------------------------|-------------|-------------------|---------|--------------------|
| Variable speeds - Forward | 0-4,0 | km/h | 0-2.5 | mph |
| Variable speeds - Forward | 0-67 | m/min | 0-220 | ft/min |
| Variable speeds - Reverse | 0-2,0 | km/h | 0-1.2 | mph |
| Variable speeds - Reverse | 0-32 | m/min | 0-105 | ft/min |
| Grade ability without vibration | 25 | % | 25 | % |
| Max. area capacity | 2.613 | m ² /h | 28,115 | ft ² /h |
| Sprinkling system | gravity fed | | | |
| Fuel type | Gas | | | |
| Static weight per drum (f/r) | 200/250 | kg | 440/550 | lb |

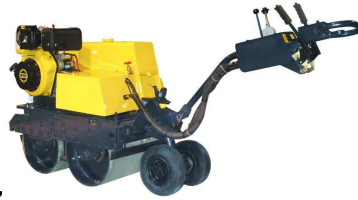
Main Functions

1. With small operating radius, make sure it can working within small area.
2. For drive mechanism, adopts America EATON static hydraulic drive device with stepless speed regulation and reverting conveniently.
3. The machine could run without vibration, by adjusting the vibrating clutch.
4. Self-locking reverting mechanism, make sure reverting easily and operating conveniently.
5. Stainless steel water sprinkling pipe with filtering net, make water flow smoothly.
6. For handrail, adopts plane gear adjusting mechanism, not only suitable for people with different heights to operate, but also can be transported easily.
7. For drive elements , adopts NSK bearing and MITSUBOSHI V-belt from Japan to make sure the performance of whole machine.
8. The unique half-wheel steering make sure the direction-changing is more convenient, and ensure the working stability.
9. The whole machine frame is plastic treated, so it is anti-rusting, anti-corrosion and beautiful.

Another new Item similar to Dynapac walk behind item. **CR88R&GRR77**



CR88R



GRR77

| | |
|------------------------------|-------------------------|
| Operation weight | 770 kg |
| Vibration wheel width | 600 mm |
| Vibration frequency | 48 Hz |
| Vibration amplitude | 0.25 mm |
| Centrifugal force | 12 kn |
| Travel speed | 2.5 km/h |
| Gradeability | 25% |
| Turning radius | 2700 mm |
| Diesel Engine model | CF186F |
| Diesel Engine Power | 5.68 KW |
| Overall size | 2330*795*1050 mm |



Itemed JF650(some copy from Sakai)

| | |
|------------------------------|-------------------------|
| Operation weight | 650 kg |
| Vibration wheel width | 650 mm |
| Vibration frequency | 48 Hz |
| Diameter of the drum | 360 mm |
| Centrifugal force | 15 kn |
| Travel speed | 0-4 km/h |
| Gradeability | 20% |
| Turning radius | 2600 mm |
| Engine model | KUBOTA |
| Diesel Engine Power | 6.5HP |
| Overall size | 2610*692*1150 mm |

Single-Drum Walk Behind Road Roller(Reversible&Mechanical system) **Item No.JF88**



Road roller with single drum and one water tank usually used in the narrow road compactor and concrete paving is a very design of us.

Application

Road roller for its light weight and easy-operation is suitable for tamping the sandy road, clay and asphalt road surface with high efficiency. Particular used to do maintenance of pavement, bridges and parking yard.

Features

- 1. Adjustable speed with the mechanical driven of JF88 suitable to reach many requirements of different places makes the operation on more safe conditions.**
- 2. It can forward and reverse on two different speeds.**

Main technical parameters for JF88 single-drum road roller(some copy from Bomag)

Working Width 560mm

Operating Weight 180kgs

Static Liner Load: 0-1.6Km/h

Gradeability: 25%

Drive system: Mechanical

Swing: 0.5mm

Centrifugal rate: 10 Kn

Manner of sprinkling: Gravitation
Frequency: 4620/min
Water tank Vol.: 16L
Engine: HONDA GX160 Rated Power: 5.5HP(4KW)
Fuel tank Vol.: 3.6L
Fuel type: 90# unleaded petrol
Rate of fuel consumption: 1. 27L/h
Lubricant oil type: SAE10W-30
Lubricant oil Vol.: 0. 6L
Cooling system: Air-cooled
Packing: 1pc/1ctn 20 ft /30sets
Inner with steel frame fixing the machine
Outer with carton

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