

Facts

Light & Concrete



Light



Concrete



DYNAPAC
Part of the Atlas Copco Group

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Foreword

Light Compaction Equipment

Dynapac Roller and Light Division is one of the major players in the field of Light Compaction Equipment, with more than 70 years of experience.

Over the course of many years Dynapac has developed a complete range of vibratory equipment for all kind of soil and asphalt compaction.

The production unit, located in Ljungby, in the south of Sweden, is ISO 9001-certified and focuses on quality and efficiency.

The modern assembly layout allows high efficiency, precise work, and high output.

To be best on top it is necessary to know what is underneath. Know-how is just as important as the product itself. Dynapac Roller and Light Division design compaction equipment with focus on the end result in order to give our users maximum economy.

Compaction efficiency of a vibratory plate compactor is, in principal, based on its potential to produce dynamic pressure waves which creates vibrations and stresses in soil.

The static weight, amplitude, size of bottom plate, speed, etc., combined with Dynapac's focus on designing reliable, environmentally safe and ergonomic products, give end users and rental companies a maximum return on their investments.

You can always trust that Dynapac Light Compaction will be there to support you whenever needed through our world wide sales and service network.



Rammers

LT 5000



| Specifications | 6" | 9" |
|---------------------------------------|---------------|----------------------|
| Net mass | 60 kg | 62 kg |
| Operating mass | 61 kg | 63 kg |
| Frequency | 12 Hz | 12 Hz |
| Amplitude | 50 - 60 mm | 50 - 60 mm |
| Speed..... | 15 - 17 m/min | 15 - 17 m/min |
| Force/blow | | 10 kN |
| H/A vibrations, standard handle | | 6,4 m/s ² |

Dimensions

| | | |
|--------------------|-----------------|-----------------|
| Plate width..... | 150 mm | 230 mm |
| Plate length | 330 mm | 330 mm |
| LxWxH..... | 730x395x1030 mm | 730x395x1030 mm |

Engine

| | |
|--|-------------|
| Model..... | Honda GX100 |
| Rated power, SAE J1995, at 3600 rpm, kW | 2,2 |

Recommended for

Sand/Gravel, Silt, Clay, Subbase/Base

LT 6000



| Specifications | 9" | 11" |
|---------------------------------------|---------------|----------------------|
| Net mass | 67-68 kg | 67-68 kg |
| Operating mass | 68-69 kg | 68-69 kg |
| Frequency | 12 Hz | 12 Hz |
| Amplitude | 65 - 75 mm | 65 - 75 mm |
| Speed | 15 - 18 m/min | 15 - 18 m/min |
| Force/blow | | 14.8 kN |
| H/A vibrations, standard handle | | 4,9 m/s ² |

Dimensions

| | | |
|--------------------|-----------------|-----------------|
| Plate width | 230 mm | 280 mm |
| Plate length | 330 mm | 330 mm |
| LxWxH | 730x395x1030 mm | 730x395x1030 mm |

Engine

| | |
|--|-------------|
| Model | Honda GX100 |
| Rated power, SAE J1995, at 3600 rpm, kW | 2,2 |

Recommended for

Sand/Gravel, Silt, Clay, Subbase/Base

LT 7000



Specifications

| | |
|---------------------------------------|----------------------|
| Net mass | 77 kg |
| Operating mass | 78 kg |
| Frequency | 12 Hz |
| Amplitude | 70 - 80 mm |
| Speed | 15 - 18 m/min |
| Force/blow | 18,6 kN |
| H/A vibrations, standard handle | 9,6 m/s ² |

Dimensions

| | |
|--------------------|-----------------|
| Plate width | 280 mm |
| Plate length | 330 mm |
| LxWxH..... | 810x422x1074 mm |

Engine

| | |
|--|-------------|
| Model..... | Honda GX120 |
| Rated power, SAE J1995, at 3600 rpm, kW | 2,9 |

Recommended for

Sand/Gravel, Silt, Clay, Subbase/Base

LT 500



| Specifications | 6" | 9" |
|---------------------------------------|---------------|----------------------|
| Net mass | 59 kg | 61 kg |
| Operating mass | 60 kg | 62 kg |
| Frequency | 11,5 Hz | 11,5 Hz |
| Amplitude | 50 - 60 mm | 50 - 60 mm |
| Speed | 15 - 17 m/min | 15 - 17 m/min |
| Force/blow | | 10 kN |
| H/A vibrations, standard handle | | 7,2 m/s ² |

Dimensions

| | | |
|--------------------|-----------------|-----------------|
| Plate width | 150 mm | 230 mm |
| Plate length | 330 mm | 330 mm |
| LxWxH | 680x395x1074 mm | 680x395x1074 mm |

Engine

| | |
|--|-------------|
| Model | Honda GX100 |
| Rated power, SAE J1995, at 3600 rpm, kW | 2,2 |

Recommended for

Sand/Gravel, Silt, Clay, Subbase/Base

LT 600



| Specifications | 9" | 11" |
|---------------------------------------|---------------|----------------------|
| Net mass | 63 kg | 64 kg |
| Operating mass | 64 kg | 65 kg |
| Frequency | 12 Hz | 12 Hz |
| Amplitude | 65 - 75 mm | 65 - 75 mm |
| Speed..... | 15 - 18 m/min | 15 - 18 m/min |
| Force/blow | | 14.8 kN |
| H/A vibrations, standard handle | | 7,0 m/s ² |

| Dimensions | |
|--------------------|-------------------------------------|
| Plate width | 230 mm.....280 mm |
| Plate length | 330 mm.....330 mm |
| LxWxH..... | 680x395x1074 mm.....680x395x1074 mm |

| Engine | |
|--|-------------|
| Model..... | Honda GX100 |
| Rated power, SAE J1995, at 3600 rpm, kW | 2,2 |

| Recommended for |
|---------------------------------------|
| Sand/Gravel, Silt, Clay, Subbase/Base |

LT 700



| Specifications | 9" | 11" |
|---------------------------------------|---------------|-----------------------|
| Net mass | 73 kg | 74 kg |
| Operating mass | 74 kg | 75 kg |
| Frequency | 12 Hz | 12 Hz |
| Amplitude | 70 - 80 mm | 70 - 80 mm |
| Speed | 15 - 18 m/min | 15 - 18 m/min |
| Force/blow | | 18.6 kN |
| H/A vibrations, standard handle | | 11,9 m/s ² |

Dimensions

| | | |
|--------------------|-----------------|-----------------|
| Plate width | 230 mm | 280 mm |
| Plate length | 330 mm | 330 mm |
| LxWxH | 810x422x1074 mm | 810x422x1074 mm |

Engine

| | |
|--|-------------|
| Model | Honda GX120 |
| Rated power, SAE J1995, at 3600 rpm, kW | 2,9 |

Recommended for

Sand/Gravel, Silt, Clay, Subbase/Base

LT 800



| Specifications | 11" | 13" |
|---------------------------------------|---------------|-----------------------|
| Net mass | 83 kg | 84 kg |
| Operating mass | 84 kg | 85 kg |
| Frequency | 12 Hz | 12 Hz |
| Amplitude | 75 - 85 mm | 75 - 85 mm |
| Speed | 13 - 16 m/min | 13 - 16 m/min |
| Force/blow | | 21,4 kN |
| H/A vibrations, standard handle | | 12,6 m/s ² |

| Dimensions | |
|--------------------|---------------------------------------|
| Plate width | 280 mm 330 mm |
| Plate length | 330 mm 330 mm |
| LxWxH | 810x422x1074 mm 810x422x1074 mm |

| Engine | |
|--|-----------|
| Model | Hatz 1B20 |
| Rated power, SAE J1995, at 3600 rpm, kW | 3,4 |

| Recommended for |
|---------------------------------------|
| Sand/Gravel, Silt, Clay, Subbase/Base |

Forward Plate Compactors

**Soil and
Asphalt**

LF 45

Petrol Engine



Specifications

| | |
|---------------------------------------|-----------------------|
| Net mass | 41 kg |
| Operating mass | 42 kg |
| Frequency | 100 Hz |
| Amplitude | 1 mm |
| Centrifugal force | 8 kN |
| Speed | 25 m/min |
| H/A vibrations, standard handle | 11,5 m/s ² |

Features

Oil alert

Dimensions

| | |
|--------------------|----------------|
| Plate width | 290 mm |
| Plate length | 438 mm |
| LxWxH | 930x290x860 mm |

Engine

| | |
|--|-------------|
| Model | Honda GX100 |
| Rated power, SAE J1995, at 3600 rpm, kW | 2,2 |

Options

Block paving set

Recommended for

Sand/Gravel, Subbase/Base

LF 62

Petrol Engine



Specifications

| | |
|--|-----------------------|
| Net mass | 59 kg |
| Operating mass | 60 kg |
| Frequency | 92 Hz |
| Amplitude | 0,9 mm |
| Centrifugal force | 10 kN |
| Speed | 24 m/min |
| H/A vibrations, standard handle | 11,4 m/s ² |
| H/A vibrations, low-vibration handle | 4,5 m/s ² |

Features

Oil alert

Dimensions

| | |
|--------------------|-----------------|
| Plate width | 330 mm |
| Plate length | 510 mm |
| LxWxH | 1000x330x895 mm |

Engine

| | |
|--|-------------|
| Model | Honda GX120 |
| Rated power, SAE J1995, at 3600 rpm, kW | 2,9 |

Options

Block paving set
Water sprinkler kit (water tank 2 l)
Transport device (foldable)
Low vibration handle

Recommended for

Sand/Gravel, Subbase/Base

LF 72

Petrol Engine



Specifications

| | |
|--|-----------------------|
| Net mass | 62 kg |
| Operating mass | 63 kg |
| Frequency | 92 Hz |
| Amplitude | 0,8 mm |
| Centrifugal force | 10 kN |
| Speed | 24 m/min |
| H/A vibrations, standard handle | 12,7 m/s ² |
| H/A vibrations, low-vibration handle | 5,4 m/s ² |

Features

Oil alert

Dimensions

| | |
|--------------------|-----------------|
| Plate width | 400 mm |
| Plate length | 510 mm |
| LxWxH | 1000x400x895 mm |

Engine

| | |
|--|-------------|
| Model | Honda GX120 |
| Rated power, SAE J1995, at 3600 rpm, kW | 2,9 |

Options

Block paving set
Water sprinkler kit (water tank 2 l)
Transport device (foldable)
Low vibration handle

Recommended for

Sand/Gravel, Subbase/Base

LF 82

Petrol Engine



Specifications

| | |
|--|-----------------------|
| Net mass | 80 kg |
| Operating mass | 82 kg |
| Frequency | 90 Hz |
| Amplitude | 1,1 mm |
| Centrifugal force | 18 kN |
| Speed | 25 m/min |
| H/A vibrations, standard handle | 16,5 m/s ² |
| H/A vibrations, low-vibration handle | 5,8 m/s ² |

Features

Oil alert

Dimensions

| | |
|--------------------|-----------------|
| Plate width | 460 mm |
| Plate length | 540 mm |
| LxWxH | 1000x460x895 mm |

Engine

| | |
|--|-------------|
| Model | Honda GX160 |
| Rated power, SAE J1995, at 3600 rpm, kW | 4,1 |

Options

Transport device (foldable)
Low vibration handle

Recommended for

Sand/Gravel

LF 70

Petrol Engine



Specifications

| | |
|-------------------------|----------|
| Net mass | 74 kg |
| Operating mass | 76 kg |
| Frequency | 80 Hz |
| Amplitude | 0,9 mm |
| Centrifugal force | 10 kN |
| Speed | 22 m/min |

Features

Oil bath element, Oil alert

Dimensions

| | |
|--------------------|------------------|
| Plate width | 400 mm |
| Plate length | 580 mm |
| LxWxH | 1200x400x1035 mm |

Engine

| | |
|---|-------------|
| Model | Honda GX120 |
| Rated power, SAE J1995, at 3600 rpm, kW | 2,9 |

Options

| | |
|-----------------------------------|-------|
| Water sprinkler kit | 3 kg |
| Low vibration handle | 10 kg |
| Transport device (foldable) | 5 kg |

Recommended for

Sand/Gravel, Subbase/Base, Asphalt

LF 90

Petrol Engine



Specifications

| | |
|--|-----------------------|
| Net mass | 98 kg |
| Operating mass | 100 kg |
| Frequency | 80 Hz |
| Amplitude | 1 mm |
| Centrifugal force | 14 kN |
| Speed | 25 m/min |
| H/A vibrations, standard handle | 10,6 m/s ² |
| H/A vibrations, low-vibration handle | 2,2 m/s ² |
| Protection frame incl. lifting hook | |

Features

Oil alert

Dimensions

| | |
|--------------------|------------------|
| Plate width | 500 mm |
| Plate length | 625 mm |
| LxWxH | 1221x500x1027 mm |

Engine

| | |
|---|-------------|
| Model | Honda GX160 |
| Rated power, SAE J1995, at 3600 rpm | 4,0 |

Options

| | |
|-----------------------------------|-------|
| Water sprinkler kit | 3 kg |
| Low vibration handle | 10 kg |
| Transport device (foldable) | 5 kg |
| Lifting handles | 1 kg |
| Block paving set | |

Recommended for

Sand/Gravel, Subbase/Base, Asphalt

LF 90

Diesel Engine



Specifications

| | |
|--|----------------------|
| Net mass | 115 kg |
| Operating mass | 116 kg |
| Frequency | 80 Hz |
| Amplitude | 1 mm |
| Centrifugal force | 14 kN |
| Speed | 25 m/min |
| H/A vibrations, standard handle | 7,4 m/s ² |
| H/A vibrations, low-vibration handle | 4,6 m/s ² |
| Protection frame incl. lifting hook | |

Features

Oil alert

Dimensions

| | |
|--------------------|------------------|
| Plate width | 500 mm |
| Plate length | 625 mm |
| LxWxH | 1221x500x1027 mm |

Engine

| | |
|---|-----------|
| Model | Hatz 1B20 |
| Rated power, SAE J1995, at 2600 rpm, kW | 2,8 |

Options

| | |
|-----------------------------------|-------|
| Block paving set | |
| Water sprinkler kit | 3 kg |
| Low vibration handle | 10 kg |
| Transport device (foldable) | 5 kg |
| Lifting handle | 1 kg |

Recommended for

Sand/Gravel, Subbase/Base, Asphalt

LF 3820

Petrol Engine



Specifications

| | |
|--|-----------------------|
| Net mass | 98 kg |
| Operating mass | 100 kg |
| Frequency | 90 Hz |
| Amplitude | 1 mm |
| Centrifugal force | 17 kN |
| Speed | 25 m/min |
| H/A vibrations, standard handle | 10,6 m/s ² |
| H/A vibrations, low-vibration handle | 2,2 m/s ² |
| Protection frame incl. lifting hook | |

Features

Oil alert

Dimensions

| | |
|--------------------|------------------|
| Plate width | 500 mm |
| Plate length | 625 mm |
| LxWxH | 1200x500x1025 mm |

Engine

| | |
|---|-------------|
| Model | Honda GX160 |
| Rated power, SAE J1995, at 3600 rpm, kW | 4,1 |

Options

| | |
|-----------------------------------|-------|
| Water sprinkler kit | 3 kg |
| Low vibration handle | 10 kg |
| Transport device (foldable) | 5 kg |
| Lifting handles | 1 kg |
| Block paving set | |

Recommended for

Sand/Gravel, Subbase/Base, Asphalt

LF 15

Petrol Engine



Specifications

| | |
|---------------------------------------|----------------------|
| Net mass | 70 kg |
| Operating mass | 78 kg |
| Frequency | 92 Hz |
| Amplitude | 1 mm |
| Centrifugal force | 10 kN |
| Speed | 28 m/min |
| Water tank..... | 13 l |
| H/A vibrations, standard handle | 4,6 m/s ² |
| Protection frame incl. lifting hook | |

Features

Hardox 400 bottom plate
Oil bath element, Oil alert
Water sprinkler, Vibration damped handle

Dimensions

| | |
|--------------------|------------------|
| Plate width | 520 mm |
| Plate length | 530 mm |
| LxWxH..... | 1250x520x1000 mm |

Engine

| | |
|--|-------------|
| Model..... | Honda GX120 |
| Rated power, SAE J1995, at 3600 rpm, kW | 2,9 |

Options

Transport device (foldable), block paving set

Recommended for

Sand/Gravel, Subbase/Base, Asphalt

LF 85

Petrol Engine



Specifications

| | |
|---------------------------------------|----------------------|
| Net mass | 93 kg |
| Operating mass | 103 kg |
| Frequency | 110 Hz |
| Amplitude | 0,7 mm |
| Centrifugal force | 11 kN |
| Speed | 22 m/min |
| Water tank | 17 l |
| H/A vibrations, standard handle | 5,8 m/s ² |
| Transport device | |

Features

Hardox 400 bottom plate, Oil bath element,
Oil alert, Water sprinkler

Dimensions

| | |
|--------------------|------------------|
| Plate width | 520 mm |
| Plate length | 530 mm |
| LxWxH | 1300x520x1030 mm |

Engine

| | |
|--|-------------|
| Model | Honda GX120 |
| Rated power, SAE J1995, at 3600 rpm, kW | 2,9 |

Options

Block paving set,
8 mm bottom plate nordic version

Recommended for

Sand/Gravel, Subbase/Base, Asphalt

LF 140

Petrol Engine



Specifications

| | |
|---------------------------------------|----------------------|
| Net mass | 126 kg |
| Operating mass | 128 kg |
| Frequency | 85 Hz |
| Amplitude | 1 mm |
| Centrifugal force | 21 kN |
| Speed | 24 m/min |
| H/A vibrations, standard handle | 5,1 m/s ² |

Features

Vibration damped handle
Oil bath element
Oil alert

Dimensions

| | |
|--------------------|------------------|
| Plate width..... | 500 mm |
| Plate length | 660 mm |
| LxWxH..... | 1145x500x1000 mm |

Engine

| | |
|--|-------------|
| Model..... | Honda GX160 |
| Rated power, SAE J1995, at 3600 rpm, kW | 4,0 |

Option

Block paving set
Transport device

Recommended for

Sand/Gravel, Subbase/Base, Block paving

LF 140

Diesel engine



Specifications

| | |
|---------------------------------------|----------------------|
| Net mass | 138 kg |
| Operating mass | 140 kg |
| Frequency | 85 Hz |
| Amplitude | 1 mm |
| Centrifugal force | 21 kN |
| Speed | 24 m/min |
| H/A vibrations, standard handle | 6,9 m/s ² |

Features

Vibration damped handle
Oil bath element
Oil alert

Dimensions

| | |
|--------------------|------------------|
| Plate width | 500 mm |
| Plate length | 660 mm |
| LxWxH | 1145x500x1000 mm |

Engine

| | |
|--|-----------|
| Model | Hatz 1B20 |
| Rated power, SAE J1995, at 2600 rpm, kW | 2,8 |

Option

Block paving set
Transport device

Recommended for

Sand/Gravel, Subbase/Base, Block paving

CM 13

Petrol Engine



Specifications

| | |
|---------------------------------------|----------------------|
| Net mass | 127 kg |
| Operating mass | 128 kg |
| Frequency | 75 Hz |
| Amplitude | 1,1 mm |
| Centrifugal force | 16 kN |
| Speed | 25 m/min |
| H/A vibrations, standard handle | 6,6 m/s ² |

Features

Foldable transport device, oil alert

Dimensions

| | |
|--------------------|------------------|
| Plate width | 460 mm |
| Plate length | 510 mm |
| LxWxH | 1050x460x1010 mm |

Engine

| | |
|--|-------------|
| Model | Honda GX160 |
| Rated power, SAE J1995, at 3600 rpm, kW | 4,0 |

Recommended for

Sand/Gravel, Subbase/Base

CM 13

Diesel Engine



Specifications

| | |
|---------------------------------------|-----------------------|
| Net mass | 138 kg |
| Operating mass | 140 kg |
| Frequency | 75 Hz |
| Amplitude | 1,1 mm |
| Centrifugal force | 16 kN |
| Speed | 25 m/min |
| H/A vibrations, standard handle | 10,3 m/s ² |

Features

Foldable transport device, oil alert

Dimensions

| | |
|--------------------|------------------|
| Plate width | 460 mm |
| Plate length | 510 mm |
| LxWxH | 1050x460x1010 mm |

Engine

| | |
|--|-----------|
| Model | Hatz 1B20 |
| Rated power, SAE J1995, at 3000 rpm, kW | 3,1 |

Recommended for

Sand/Gravel, Subbase/Base

LX 90

Petrol Engine



Specifications

| | |
|---------------------------------------|----------------------|
| Net mass | 96 kg |
| Operating mass | 97 kg |
| Frequency | 75 Hz |
| Amplitude | 1,7 mm |
| Centrifugal force | 16 kN |
| Speed | 22 m/min |
| H/A vibrations, standard handle | 6,1 m/s ² |

Features

Oil alert

Dimensions

| | |
|----------------------|--------|
| Plate diameter | 450 mm |
| Height | 920 mm |

Engine

| | |
|--|-------------|
| Model | Honda GX160 |
| Rated power, SAE J1995, at 3600 rpm, kW | 4,0 |

Recommended for

Sand/Gravel, Subbase/Base



Forward & Reverse Plate Compactors

LG 160

Petrol Engine



Specifications

| | |
|---------------------------------------|---|
| Net mass | 153 ¹ (160 ²) kg |
| Operating mass..... | 155 ¹ (161 ²) kg |
| Frequency | 80 Hz |
| Amplitude | 1,4 mm |
| Centrifugal force | 28 kN |
| Speed..... | 22 m/min |
| H/A vibrations, standard handle | 1,5 m/s ² |

Features

- Hardox 400 on bottom plate, oil alert
- Manual throttle control, stepless speed control

Dimensions

| | |
|--------------------|------------------|
| Plate width..... | 330/450 mm |
| Plate length | 655 mm |
| LxWxH..... | 1265x450x1115 mm |

Engine

| | |
|--|-------------|
| Model..... | Honda GX160 |
| Rated power, SAE J1995, at 3600 rpm, kW | 4,1 |

Options

- Block paving set
- Transport device
- Biodegradeable oil

Recommended for

Sand/Gravel, Subbase/Base

¹⁾ LG160, 330 mm bottomplate

²⁾ LG160, 450 mm bottomplate

LG 160

Diesel Engine



Specifications

| | |
|---------------------------------------|---|
| Net mass | 167 ¹ (174 ²) kg |
| Operating mass | 169 ¹ (175 ²) kg |
| Frequency | 80 Hz |
| Amplitude | 1,4 mm |
| Centrifugal force | 28 kN |
| Speed | 22 m/min |
| H/A vibrations, standard handle | 2,4 m/s ² |

Features

Hardox 400 on bottom plate

Manual throttle control, stepless speed control

Dimensions

| | |
|--------------------|------------------|
| Plate width | 330/450 mm |
| Plate length | 650 mm |
| LxWxH | 1265x450x1115 mm |

Engine

| | |
|--|-----------|
| Model | Hatz 1B20 |
| Rated power, SAE J1995, at 2600 rpm, kW | 2,8 |

Options

Block paving set

Transport device

Biodegradable oil

Recommended for

Sand/Gravel, Subbase/Base

¹⁾ LG160, 330 mm bottomplate

²⁾ LG160, 450 mm bottomplate

LG 200

Petrol Engine



Specifications

| | |
|---------------------------------------|----------------------|
| Net mass | 215 kg |
| Operating mass | 217 kg |
| Frequency | 65 Hz |
| Amplitude | 1,9 mm |
| Centrifugal force | 36 kN |
| Speed | 25 m/min |
| H/A vibrations, standard handle | 3,5 m/s ² |

Features

Hardox 400 on bottom plate, oil alert,
Manual throttle control, stepless speed control

Dimensions

| | |
|--------------------|------------------|
| Plate width | 500 mm |
| Plate length | 700 mm |
| LxWxH | 1315x500x1065 mm |

Engine

| | |
|--|-------------|
| Model | Honda GX200 |
| Rated power, SAE J1995, at 3600 rpm, kW | 4,8 |

Options

Block paving set
Transport device
Biodegradeable oil

Recommended for

Sand/Gravel, Subbase/Base

LG 200

Diesel Engine



| Specifications | Man | EI |
|---------------------------------------|----------------------|----------|
| Net mass | 229 kg | 245 kg |
| Operating mass | 231 kg | 247 kg |
| Frequency | 65 Hz | 65 Hz |
| Amplitude | 1,9 mm | 1,9 mm |
| Centrifugal force | 36 kN | 36 kN |
| Speed | 25 m/min | 25 m/min |
| H/A vibrations, standard handle | 3,5 m/s ² | |

Features

Hardox 400 on bottom plate

Manual throttle control, stepless speed control

Dimensions

| | |
|--------------------|------------------|
| Plate width | 500 mm |
| Plate length | 700 mm |
| LxWxH | 1315x500x1065 mm |

Engine

| | |
|--|-----------|
| Model | Hatz 1B20 |
| Rated power, SAE J1995, at 3000 rpm, kW | 3,1 |

Options

Block paving set

Transport device

Biodegradeable oil

Recommended for

Sand/Gravel, Subbase/Base

LG300

Petrol Engine



Specifications

| | |
|---------------------------------------|----------------------|
| Net mass | 263 kg |
| Operating mass | 265 kg |
| Frequency | 68 Hz |
| Amplitude | 1,7 mm |
| Centrifugal force | 40 kN |
| Speed | 25 m/min |
| H/A vibrations, standard handle | 2,4 m/s ² |

Features

Fully hydraulic manual throttle control,
stepless speed control, oil alert

Dimensions

| | |
|--------------------|------------------|
| Plate width | 500 mm |
| Plate length | 768 mm |
| LxWxH | 1385x500x1120 mm |

Engine

| | |
|--|-------------|
| Model | Honda GX270 |
| Rated power, SAE J1995, at 2700 rpm, kW | 5,8 |

Options

Large bottom plate (600 mm)
Towing eyelet
Biodegradeable oil

Recommended for

Sand/Gravel, Subbase/Base

LG300

Diesel Engine



| Specifications | Man | EI |
|---------------------------------------|----------|----------------------|
| Net mass | 280 kg | 300 kg |
| Operating mass | 282 kg | 302 kg |
| Frequency | 68 Hz | 68 Hz |
| Amplitude | 1,7 mm | 1,7 mm |
| Centrifugal force | 40 kN | 40 kN |
| Speed | 25 m/min | 25 m/min |
| H/A vibrations, standard handle | | 1,7 m/s ² |

Features

Fully hydraulic manual throttle control,
stepless speed control

Dimensions

| | |
|--------------------|------------------|
| Plate width | 500 mm |
| Plate length | 768 mm |
| LxWxH | 1385x500x1120 mm |

Engine

| | |
|--|-----------|
| Model | Hatz 1B30 |
| Rated power, SAE J1995, at 2700 rpm, kW | 4,2 |

Options

Large bottom plate (600 mm)
Towing eyelet
Biodegradeable oil

Recommended for

Sand/Gravel, Subbase/Base

LG 500

Diesel Engine,
Man.started



Specifications

| | |
|---------------------------------------|----------------------|
| Net mass | 478 kg |
| Operating mass..... | 481 kg |
| Frequency | 60 Hz |
| Amplitude | 2,1 mm |
| Centrifugal force | 60 kN |
| Speed | 24 m/min |
| H/A vibrations, standard handle | 3,4 m/s ² |

Features

- Hardox 400 on bottom plate
- Manual throttle control, stepless speed control

Dimensions

| | |
|--------------------|------------------|
| Plate width | 550 mm |
| Plate length | 900 mm |
| LxWxH..... | 1660x550x1210 mm |

Engine

| | |
|--|------------------|
| Model..... | Hatz Supra 1D81Z |
| Rated power, SAE J1995, at 2270 rpm, kW | 8,2 |

Options

- Extension plates (150 mm each)
- Block paving set for width 850 mm
- Starting crank
- Biodegradeable oil

Recommended for

Sand/Gravel, Subbase/Base

LG 500

Diesel Engine,
El.started



Specifications

| | |
|---------------------------------------|----------------------|
| Net mass | 503 kg |
| Operating mass | 506 kg |
| Frequency | 60 Hz |
| Amplitude | 2,1 mm |
| Centrifugal force | 60 kN |
| Speed | 24 m/min |
| H/A vibrations, standard handle | 2,1 m/s ² |

Features

Hardox 400 on bottom plate
Manual throttle control, stepless speed control

Dimensions

| | |
|--------------------|------------------|
| Plate width | 550 mm |
| Plate length | 900 mm |
| LxWxH | 1660x550x1210 mm |

Engine

| | |
|--|------------------|
| Model | Hatz Supra 1D81Z |
| Rated power, SAE J1995, at 2270 rpm, kW | 8,2 |

Options

Extension plates (150 mm each)
Block paving set for width 750/850 mm
Starting crank, Biodegradeable oil
Hourmeter

Recommended for

Sand/Gravel, Subbase/Base

LG 520

Diesel Engine,
El. started
Radio Remote
Controlled



Specifications

| | |
|-------------------------|----------|
| Net mass | 522 kg |
| Operating mass | 524 kg |
| Frequency | 60 Hz |
| Amplitude | 1,7 mm |
| Centrifugal force | 56 kN |
| Speed | 21 m/min |

Features

Hardox 400 on bottom plate
Radio remote controlled

Dimensions

| | |
|--------------------|----------------|
| Plate width | 650 mm |
| Plate length | 940 mm |
| LxWxH..... | 940x650x855 mm |

Engine

| | |
|--|------------|
| Model..... | Hatz 1D50S |
| Rated power, SAE J1995, at 2500 rpm, kW | 6,6 |

Options

Starting crank, Biodegradeable oil

Recommended for

Sand/Gravel, Subbase/Base

LH 700

Diesel Engine,
El.started



Specifications

| | |
|---------------------------------------|----------------------|
| Net mass | 777 kg |
| Operating mass | 780 kg |
| Frequency | 53 Hz |
| Amplitude | 2,5 mm |
| Centrifugal force | 95 kN |
| Speed | 30 m/min |
| H/A vibrations, standard handle | 3,3 m/s ² |

Features

Hardox 400 on bottom plate

Manual throttle control, stepless speed control

Dimensions

| | |
|--------------------|------------------|
| Plate width | 660 mm |
| Plate length | 1050 mm |
| LxWxH | 1880x660x1180 mm |

Engine

| | |
|--|------------|
| Model | Hatz 1D90V |
| Rated power, SAE J1995, at 3000 rpm, kW | 11,0 |

Options

Extension plates (75/150 mm each)

Towing eyelet, Biodegradable oil

Battery disconnecter

Hourmeter

Recommended for

Sand/Gravel, Subbase/Base, Rockfill

LH 800

Diesel Engine,
Radio Remote
Controlled



Specifications

| | |
|-------------------------|----------------|
| Net mass | 817 kg |
| Operating mass | 820 kg |
| Frequency | 53 Hz |
| Amplitude | 2,5 mm |
| Centrifugal force | 95 kN |
| Speed | up to 30 m/min |

Features

Fully hydraulic Radio controlled
with extra battery charging on machine

Dimensions

| | |
|--------------------|-----------------|
| Plate width | 660 mm |
| Plate length | 1050 mm |
| LxWxH | 1150x660x795 mm |

Engine


| | |
|--|------------|
| Model | Hatz 1D90V |
| Rated power, SAE J1995, at 3000 rpm, kW | 11,0 |

Options

Biodegradable oil
Extention plates (75/150 mm each)
Battery charger

Recommended for

Sand/Gravel, Subbase/Base, Rockfill



Duplex Rollers

LP 6500

Diesel Engine,
Manually started



Specifications

| | |
|---------------------------------------|----------------------|
| Net mass | 658 kg |
| Operating mass | 696 kg |
| Frequency | 61 Hz |
| Amplitude | 0,45 mm |
| Centrifugal force | 21 kN |
| Speed, forward/reverse | 0-3,6/0-2,3 km/h |
| H/A vibrations, standard handle | 4,3 m/s ² |

Features

Fully hydraulic manual thottle control with stepless speed
Large 71 litres water tank that also protect hydraulic components
Minimum overhang on both sides
Pushstop

Dimensions

| | |
|------------------|-------------------------|
| Drum diam | 400 mm |
| Drum width | 650 mm |
| LxWxH..... | 1 100(2514)x714x1045 mm |

Engine

| | |
|--|------------|
| Model..... | Hatz 1D50S |
| Rated power, SAE J1995, at 2600 rpm, kW | 6,8 |

Recommended for

Sand/Gravel, Subbase/Base, Asphalt

LP 6500

Diesel Engine,
El started



Specifications

| | |
|---------------------------------------|----------------------|
| Net mass | 678 kg |
| Operating mass | 716 kg |
| Frequency | 61 Hz |
| Amplitude | 0,45 mm |
| Centrifugal force | 21 kN |
| Speed, forward/reverse | 0-3,6/0-2,3 km/h |
| H/A vibrations, standard handle | 4,0 m/s ² |

Features

Fully hydraulic manual throttle control with stepless speed
Large 71 litres water tank that also protect hydraulic components
Minimum overhang on both sides
Pushstop

Dimensions

| | |
|------------------|------------------------|
| Drum diam | 400 mm |
| Drum width | 650 mm |
| LxWxH | 1100(2514)x714x1045 mm |

Engine

| | |
|--|------------|
| Model | Hatz 1D50S |
| Rated power, SAE J1995, at 2600 rpm, kW | 6,8 |

Recommended for

Sand/Gravel, Subbase/Base, Asphalt

LP 750

Diesel Engine,
Man/El started



| Specifications | Man | El |
|---------------------------------------|----------|----------------------|
| Net mass | 953 kg | 979 kg |
| Operating mass | 993 kg | 1009 kg |
| Frequency | 63 Hz | 63 Hz |
| Amplitude | 0,5 mm | 0,5 mm |
| Centrifugal force | 25 kN | 25 Kn |
| Speed | 60 m/min | 60 m/min |
| H/A vibrations, standard handle | | 4,3 m/s ² |

Features

Manual throttle control with stepless speed

Dimensions

| | |
|------------------|------------------------|
| Drum diam | 500 mm |
| Drum width | 750 mm |
| LxWxH | 1372(2640)x880x1283 mm |

Engine

| | |
|---|-----------------|
| Model | Hatz Supra1D81S |
| Rated power, SAE J1995, at 2900 rpm, kW (hp) | 8,9 (12,1) |

Option

Push stop

Recommended for

Sand/Gravel, Subbase/Base



Trench Compactors

LP 8500

Diesel Engine,
Radio Remote
Controlled



Specifications

| | |
|--|----------|
| Net mass (wide drums, high pads) | 1650 kg |
| Operating mass | 1675 kg |
| Frequency | 31 Hz |
| Amplitude | 1,2 mm |
| Centrifugal force | 65 kN |
| Speed..... | 0-4 km/h |

Features

Handle control

Dimensions

| | |
|---------------------|----------------------|
| Drum diameter | 535 mm |
| Drum width | 630/850 mm |
| LxWxH..... | 1875x630/850x1207 mm |

Engine

| | |
|--|-----------|
| Model..... | Hatz 2G40 |
| Rated power, SAE J1995, at 2400 rpm, kW | 12,5 |

Options

Narrow drums (630 mm), high pads - reduce weight 120 kg
One charger covering all markets requirements

Recommended for

Sand/Gravel, Silt, Clay, Subbase/Base

Compaction capacity on Asphalt

ASPHALT TABLE

| Machine | Width mm | Speed m/min | Surface capacity m ² /h Passes | |
|---------|-------------|----------------|---|-----|
| | | | 2 | 4 |
| LF 15A | 520 | 20 | 220 | 110 |
| LF 3820 | 500 | 20 | 210 | 110 |
| LF 62 | 330 | 20 | 140 | 70 |
| LF 70 | 400 | 20 | 170 | 80 |
| LF 72 | 400 | 20 | 170 | 80 |
| LF 82 | 460 | 20 | 190 | 100 |
| LF 85 | 520 | 20 | 220 | 110 |
| LF 90 | 500 | 20 | 210 | 110 |

| Machine | Width mm | Speed m/min | Surface capacity m ² /h Passes | | |
|---------|-------------|----------------|---|-----|-----|
| | | | 4 | 6 | 8 |
| LP 6500 | 650 | 50 | 375 | 250 | 200 |
| LP 750 | 750 | 60 | 475 | 325 | 240 |

Compaction capacity on Soil

SOIL TABLE

| Machine | Width | Passes | Speed | Rockfill | | Gravel/Sand | |
|---------|-------|--------|-------|----------|-------------------|-------------|-------------------|
| | mm | | | m * | m ³ /h | m * | m ³ /h |
| CM 13 | 460 | 4 | 20 | | | 0,25 | 35 |
| LF 140 | 500 | 4 | 20 | | | 0,2 | 30 |
| LF 15A | 520 | 4 | 20 | | | 0,2 | 30 |
| LF 3820 | 500 | 4 | 20 | | | 0,2 | 30 |
| LF 45 | 290 | 4 | 20 | | | 0,2 | 15 |
| LF 62 | 330 | 4 | 20 | | | 0,2 | 20 |
| LF 70 | 400 | 4 | 20 | | | 0,2 | 25 |
| LF 72 | 400 | 4 | 20 | | | 0,2 | 25 |
| LF 82 | 460 | 4 | 20 | | | 0,2 | 30 |
| LF 85 | 520 | 4 | 20 | | | 0,2 | 30 |
| LF 90 | 500 | 4 | 20 | | | 0,2 | 30 |
| LX 90 | 450 | 4 | 20 | | | 0,25 | 35 |
| LG 160 | 450 | 4 | 22 | | | 0,3 | 45 |
| LG 200 | 500 | 4 | 22 | | | 0,3 | 50 |
| LG 300 | 500 | 4 | 22 | | | 0,35 | 60 |
| LG 500 | 750 | 4 | 22 | 0,6 | 150 | 0,4 | 100 |
| LG 520 | 650 | 4 | 21 | 0,6 | 120 | 0,4 | 80 |
| LH 700 | 660 | 4 | 30 | 0,8 | 240 | 0,45 | 130 |
| LH 800 | 660 | 4 | 25 | 0,8 | 200 | 0,45 | 110 |
| LT 5000 | 230 | 4 | 15 | | | 0,4 | 20 |
| LT 6000 | 280 | 4 | 15 | | | 0,4 | 25 |
| LT 7000 | 280 | 4 | 15 | | | 0,4 | 25 |
| LT 600 | 280 | 4 | 17 | | | 0,4 | 30 |
| LT 700 | 280 | 4 | 17 | | | 0,4 | 30 |
| LT 800 | 280 | 4 | 15 | | | 0,4 | 25 |
| LP 6500 | 650 | 8 | 50 | | | 0,15 | 35 |
| LP 750 | 750 | 8 | 60 | | | 0,2 | 70 |
| LP 8500 | 850 | 8 | 40 | | | 0,4 | 100 |

*) Max recommended layer thickness

Efficiency factor 1,0. Multiply the capacity
above with your efficiency factor, within 0-1,0

Compaction capacity on Soil

SOIL TABLE

| Silt | | Clay | | Subbase | | Base | |
|------|-------------------|------|-------------------|---------|-------------------|------|-------------------|
| m * | m ³ /h | m * | m ³ /h | m * | m ³ /h | m * | m ³ /h |
| 0,15 | 20 | | | 0,15 | 20 | 0,15 | 20 |
| 0,1 | 15 | | | 0,15 | 25 | 0,1 | 15 |
| 0,1 | 15 | | | 0,15 | 25 | 0,1 | 15 |
| 0,1 | 15 | | | 0,15 | 25 | 0,1 | 15 |
| 0,1 | 10 | | | 0,1 | 10 | 0,1 | 10 |
| 0,1 | 10 | | | 0,15 | 15 | 0,1 | 10 |
| 0,1 | 10 | | | 0,15 | 20 | 0,1 | 10 |
| 0,1 | 10 | | | 0,1 | 10 | 0,1 | 10 |
| 0,1 | 15 | | | 0,1 | 15 | 0,1 | 15 |
| 0,15 | 25 | | | 0,15 | 25 | 0,15 | 25 |
| 0,1 | 15 | | | 0,15 | 25 | 0,1 | 15 |
| 0,15 | 20 | | | 0,2 | 25 | 0,15 | 20 |
| 0,2 | 30 | | | 0,2 | 30 | 0,2 | 30 |
| 0,2 | 35 | | | 0,2 | 35 | 0,2 | 35 |
| 0,2 | 35 | | | 0,25 | 40 | 0,2 | 35 |
| 0,3 | 75 | | | 0,3 | 75 | 0,25 | 60 |
| 0,3 | 60 | | | 0,3 | 60 | 0,25 | 50 |
| 0,3 | 90 | | | 0,35 | 100 | 0,3 | 90 |
| 0,3 | 75 | | | 0,35 | 85 | 0,3 | 75 |
| 0,3 | 15 | 0,2 | 10 | 0,35 | 20 | 0,3 | 15 |
| 0,3 | 20 | 0,2 | 15 | 0,35 | 20 | 0,3 | 20 |
| 0,3 | 20 | 0,2 | 15 | 0,35 | 20 | 0,3 | 20 |
| 0,3 | 20 | 0,2 | 15 | 0,35 | 25 | 0,3 | 20 |
| 0,3 | 20 | 0,2 | 15 | 0,35 | 25 | 0,3 | 20 |
| 0,3 | 20 | 0,2 | 15 | 0,35 | 20 | 0,3 | 20 |
| | | | | 0,2 | 50 | 0,15 | 35 |
| | | | | 0,2 | 70 | 0,2 | 70 |
| 0,3 | 75 | 0,1 | 25 | 0,3 | 75 | 0,25 | 65 |

*) Max recommended layer thickness

Efficiency factor 1,0. Multiply the capacity

above with your efficiency factor, within 0-1,0

Foreword

Concrete Equipment

Dynapac Concrete is the founder of vibration technology. Our engineers invented the pendulum principle which made it possible to manufacture high-frequency poker vibrators some 50 years ago.

Since that Dynapac Concrete has become the world leader in concrete equipment. Our engineers willingly stake their reputation on long-life products with solid reliability. When designing equipment, one of our basic principles is to have only a few moving parts (pokers, external vibrators).

Special hardened steel is used for all our poker tubes and caps. This provides that combination of strength and wears resistance, which is typical of Dynapac pokers.

We have always believed in overall economy (long life, less maintenance and spare parts needed), which makes Dynapac equipment more profitable to our customers. Overall economy also means capacity and compaction.

From our long experience in construction sites worldwide we have learnt how to judge the correct frequency and amplitude, which will suit your applications.

You can rely on Dynapac Concrete as a single supplier of equipment for all stages of concreting operations; pumping, internal/external vibration, beam vibration, trowelling, vacuuming, grinding and cutting.



Concrete Equipment

Mechanical Poker Vibrators and Drive Unit

AA Pokers

Poker vibrators
with flexible
shaft



AA 27

| | |
|---------------------|------------|
| Tube diameter | 25 mm |
| Tube length | 335 mm |
| Tube weight | 0,9 kg |
| Frequency | 12 000 rpm |

AA 37

| | |
|---------------------|------------|
| Tube diameter | 37 mm |
| Tube length | 385 mm |
| Tube weight | 2,1 kg |
| Frequency | 12 000 rpm |

AA 47

| | |
|---------------------|------------|
| Tube diameter | 49 mm |
| Tube length | 440 mm |
| Tube weight | 4,0 kg |
| Frequency | 12 000 rpm |

AA 67

| | |
|---------------------|------------|
| Tube diameter | 63 mm |
| Tube length | 480 mm |
| Tube weight | 6,8 kg |
| Frequency | 12 000 rpm |

AA 77

| | |
|---------------------|------------|
| Tube diameter | 75 mm |
| Tube length | 500 mm |
| Tube weight | 9,0 kg |
| Frequency | 12 000 rpm |

AZ Pokers

Poker vibrators
with flexible
shaft



AZ 26/AZ 27

| | |
|---------------------|------------|
| Tube diameter | 25 mm |
| Tube length | 295mm |
| Tube weight | 0,5 kg |
| Frequency | 14 000 rpm |

AZ 36/AZ 37

| | |
|---------------------|------------|
| Tube diameter | 35 mm |
| Tube length | 330 mm |
| Tube weight | 1,8 kg |
| Frequency | 14 000 rpm |

AZ 46/AZ 47

| | |
|---------------------|------------|
| Tube diameter | 45 mm |
| Tube length | 375 mm |
| Tube weight | 1,9 kg |
| Frequency | 14 000 rpm |

AZ 56/AZ 57

| | |
|---------------------|------------|
| Tube diameter | 55 mm |
| Tube length | 390 mm |
| Tube weight | 2,0 kg |
| Frequency | 14 000 rpm |

Drive Units



AM 15, Hatz

| | |
|-----------------|-----------|
| Energy..... | Diesel |
| Power..... | 3,1 kW |
| Frequency | 2 900 rpm |
| Weight..... | 45 kg |

AM 15, Lombardini

| | |
|-----------------|-----------|
| Energy..... | Diesel |
| Power..... | 3,0 kW |
| Frequency | 2 900 rpm |
| Weight..... | 46 kg |

AM 18, Honda

| | |
|-----------------|-----------|
| Energy..... | Petrol |
| Power..... | 3,0 kW |
| Frequency | 2 900 rpm |
| Weight..... | 23 kg |

AM 19, Honda

| | |
|-----------------|-----------|
| Energy..... | Petrol |
| Power..... | 3,0 kW |
| Frequency | 2 900 rpm |
| Weight..... | 31,5 kg |

AF 21

| | |
|-----------------|-----------|
| Energy..... | Electric |
| Power..... | 1,3 kW |
| Frequency | 2 850 rpm |
| Weight..... | 18,5 kg |

AG 21

| | |
|-----------------|-----------|
| Energy..... | Electric |
| Power..... | 1,1 kW |
| Frequency | 3 450 rpm |
| Weight..... | 21 kg |

AT Pokers

High Frequency
poker vibrators



AT 29

| | |
|---------------------|------------|
| Tube diameter | 29 mm |
| Tube length | 332 mm |
| Tube weight | 1,3 kg |
| Frequency | 12 000 rpm |

AT 39

| | |
|---------------------|------------|
| Tube diameter | 39 mm |
| Tube length | 315 mm |
| Tube weight | 2,1 kg |
| Frequency | 12 000 rpm |

AT 49

| | |
|---------------------|------------|
| Tube diameter | 49 mm |
| Tube length | 311 mm |
| Tube weight | 2,7 kg |
| Frequency | 12 000 rpm |

AT 59

| | |
|---------------------|------------|
| Tube diameter | 59 mm |
| Tube length | 306 mm |
| Tube weight | 3,9 kg |
| Frequency | 12 000 rpm |

Drive Units for AT pokers



RACOON

| | |
|-----------------|--|
| Energy..... | Electric |
| Input..... | 2 hp |
| Current | 115V - 1 50/60 Hz or 230V - 1 50/60 Hz |
| Frequency | 12 000 rpm |
| Weight | 5 kg |

Flexible Shafts

Superflex 10

Length1,0 m

Superflex 15

Length1,5 m

Superflex 20

Length2,0 m

Superflex 30

Length3,0 m

Superflex 40

Length4,0 m



Pneumatic Poker Vibrators

AY Pokers

Pneumatic Pokers



AY 27

| | |
|---------------------|------------|
| Tube diameter | 26 mm |
| Tube length | 254 mm |
| Tube weight | 0,7 kg |
| Frequency | 21 000 rpm |
| Hose length | 2 m |

AY 37

| | |
|---------------------|------------|
| Tube diameter | 36 mm |
| Tube length | 267 mm |
| Tube weight | 1,5 kg |
| Frequency | 19 000 rpm |
| Hose length | 2 m |

AY 47

| | |
|---------------------|------------|
| Tube diameter | 47 mm |
| Tube length | 316 mm |
| Tube weight | 2,8 kg |
| Frequency | 18 000 rpm |
| Hose length | 2 m |

AY 57

| | |
|---------------------|------------|
| Tube diameter | 56 mm |
| Tube length | 344 mm |
| Tube weight | 4,5 kg |
| Frequency | 18 000 rpm |
| Hose length | 2 m |

AY 67

| | |
|---------------------|------------|
| Tube diameter | 67 mm |
| Tube length | 365 mm |
| Tube weight | 7,9 kg |
| Frequency | 17 500 rpm |
| Hose length | 2 m |

AY 77

| | |
|---------------------|------------|
| Tube diameter | 77 mm |
| Tube length | 398 mm |
| Tube weight | 8,9 kg |
| Frequency | 16 000 rpm |
| Hose length | 2 m |

AY 87

| | |
|---------------------|------------|
| Tube diameter | 87 mm |
| Tube length | 410 mm |
| Tube weight | 9,7 kg |
| Frequency | 15 900 rpm |
| Hose length | 1,5 m |

AY 107

| | |
|---------------------|------------|
| Tube diameter | 108 mm |
| Tube length | 415 mm |
| Tube weight | 17,7 kg |
| Frequency | 15 000 rpm |
| Hose length | 1,5 m |

AY 107

| | |
|---------------------|------------|
| Tube diameter | 155 mm |
| Tube length | 430 mm |
| Tube weight | 28 kg |
| Frequency | 12 000 rpm |
| Hose length | 0,8 m |

How to select a Frequency Converter

The total intensity (in Amps) of poker vibrators connected to the frequency converter should not exceed the stated intensity of the converter itself.

Add up intensities of the pokers you want to run with the converter, if the sum is below the converter's intensity, you have selected the correct model of converter.

Electric Poker Vibrators and Frequency Converters

Electronic Pokers



SMART 28

Tube diameter 25/40 mm

Tube length 239/211 mm

Hose length 1 m

SMART 40

Tube diameter 40 mm

Tube length 320 mm

Hose length 5 m

SMART 48

Tube diameter 48 mm

Tube length 350 mm

Hose length 5 m

SMART 56

Tube diameter 56 mm

Tube length 380 mm

Hose length 5 m

SMART 65

Tube diameter 65 mm

Tube length 410 mm

Hose length 5 m

All SMART pokers

Cable length 15 m

Speed 12 000 rpm

Primary voltage

(V)+_/-10% 230V-1-50/60 Hz or 115V-1-50/60 Hz

Converter dimensions L x W x H 310x105x110

AN Pokers

Electric Poker Vibrators



AN 28

| | |
|-------------------------------|------------|
| Tube diameter | 25/40 mm |
| Tube length | 239/211 mm |
| Tube weight | 2,4 kg |
| Ampere at 42/115 V - (A)..... | 4/1,5 |

AN 40

| | |
|-------------------------------|---------|
| Tube diameter | 40 mm |
| Tube length | 320 mm |
| Tube weight | 2,3 kg |
| Ampere at 42/115 V - (A)..... | 5/1,9 m |

AN 48

| | |
|-------------------------------|--------|
| Tube diameter | 48 mm |
| Tube length | 350 mm |
| Tube weight | 4,2 kg |
| Ampere at 42/115 V - (A)..... | 11/4,1 |

AN 56

| | |
|-------------------------------|--------|
| Tube diameter | 56 mm |
| Tube length | 380 mm |
| Tube weight | 5,2 kg |
| Ampere at 42/115 V - (A)..... | 13,5/5 |

AN 65

| | |
|-------------------------------|--------|
| Tube diameter | 65 mm |
| Tube length | 410 mm |
| Tube weight | 7,9 kg |
| Ampere at 42/115 V - (A)..... | 21/7,8 |

AN 90

| | |
|-------------------------------|--------|
| Tube diameter | 90 mm |
| Tube length | 566 mm |
| Tube weight | 18 kg |
| Ampere at 42/115 V - (A)..... | 21/7,8 |

Frequency AN 28, 40, 48, 56 and 65..... 12 000 rpm
 Frequency AN 90..... 6 000 rpm

AX Pokers

Electric Poker Vibrators



AX 40

| | |
|---------------------------------|------------|
| Tube diameter | 40 mm |
| Tube length | 320 mm |
| Tube weight | 2,1 kg |
| Frequency | 12 000 rpm |
| Amperage at 42/115 V - (A)..... | 4,5/1,7 |

AX 48

| | |
|---------------------------------|------------|
| Tube diameter | 48 mm |
| Tube length | 350 mm |
| Tube weight | 4,1 kg |
| Frequency | 12 000 rpm |
| Amperage at 42/115 V - (A)..... | 10/3,7 |

AX 56

| | |
|---------------------------------|------------|
| Tube diameter | 56 mm |
| Tube length | 380 mm |
| Tube weight | 5,1 kg |
| Frequency | 12 000 rpm |
| Amperage at 42/115 V - (A)..... | 11,7/4,5 |

AX 65

| | |
|---------------------------------|------------|
| Tube diameter | 65 mm |
| Tube length | 410 mm |
| Tube weight | 7,7 kg |
| Frequency | 12 000 rpm |
| Amperage at 42/115 V - (A)..... | 19/7 |

Frequency Converters

Rotative



UF 60

| | |
|--|---------|
| Power | 1,8 Kva |
| Intensity at 42V-(A) | 25 |
| Intensity at 115V-(A) | 9,2 |
| Number of phases (primary voltage) | 1 |
| Number of outlets | 2 |
| Weight | 42 kg |
| Protection index | IP55 |

UF 61

| | |
|--|---------|
| Power | 1,8 Kva |
| Intensity at 42V-(A) | 25 |
| Intensity at 115V-(A) | 9,2 |
| Number of phases (primary voltage) | 3 |
| Number of outlets | 2 |
| Weight | 42 kg |
| Protection index | IP55 |

UF 81

| | |
|--|---------|
| Power | 4,7 Kva |
| Intensity at 42V-(A) | 67 |
| Intensity at 115V-(A) | 24,5 |
| Number of phases (primary voltage) | 3 |
| Number of outlets | 4 |
| Weight | 81 kg |
| Protection index | IP55 |

Frequency Converters Electronic



UE 60

| | |
|--|-------|
| Power | 2 Kva |
| Intensity at 42V-(A) | 28 |
| Number of phases (primary voltage) | 1 |
| Number of outlets..... | 2 |
| Weight | 24 kg |
| Protection index | IP65 |

UE 61

| | |
|--|-------|
| Power | 2 Kva |
| Intensity at 42V-(A) | 28 |
| Number of phases (primary voltage) | 3 |
| Number of outlets..... | 2 |
| Weight | 24 kg |
| Protection index | IP65 |

UE 81

| | |
|--|-------|
| Power | 4 Kva |
| Intensity at 42V-(A) | 68 |
| Number of phases (primary voltage) | 3 |
| Number of outlets..... | 4 |
| Weight | 52 kg |
| Protection index | IP65 |



Vacuum- Treatment Unit

BA 41

Vacuum unit



BA 41 E, Electric

| | |
|-------------------------|-------------|
| Voltage | 400-3-50 Hz |
| Intensity at 50 Hz..... | 9,5 |
| Speed at 50 Hz..... | 2 850 rpm |
| Output (at 50 Hz) | 5,4 hp |
| Maximum vacuum | 80% |
| Weight | 125 kg |

BB

Suction mats



BB 15

Length x width 1,5 x 5,0 m

BB 30

Length x width 3,0 x 5,0 m

BB 40

Length x width 4,0 x 5,0 m

BB 50

Length x width 5,0 x 5,0 m

BB 60

Length x width 6,0 x 5,0 m

Bottom filter mat 30 x 1,2 m



Vibrating Beams and Screeds

BR
Vibrating
Beams
Electric version



| | |
|-------------------------------------|--------|
| BR 61 | |
| Working width | 3,25 m |
| Weight (incl. vibrating unit) | 76 kg |

| | |
|-------------------------------------|--------|
| BR 62 | |
| Working width | 4,25 m |
| Weight (incl. vibrating unit) | 100 kg |

| | |
|-------------------------------------|--------|
| BR 63 | |
| Working width | 5,25 m |
| Weight (incl. vibrating unit) | 110 kg |

| | |
|-------------------------------------|--------|
| BR 64 | |
| Working width | 6,25 m |
| Weight (incl. vibrating unit) | 118 kg |

| | |
|-------------------------------------|--------|
| BR 66 | |
| Working width | 7,25 m |
| Weight (incl. vibrating unit) | 163 kg |

| | |
|-------------------------------------|--------|
| BR 67 | |
| Working width | 8,25 m |
| Weight (incl. vibrating unit) | 174 kg |

| | |
|-------------------------------------|---------|
| BR 68 | |
| Working width | 10,50 m |
| Weight (incl. vibrating unit) | 212 kg |

| | |
|----------------------|--------|
| Vibrating Unit | ER 505 |
| Rating | 750 W |

BM

Vibrating Beams

Petrol version



BM 61

Working width..... 3,25 m
Weight (incl. vibrating unit) 96 kg

BM 62

Working width..... 4,25 m
Weight (incl. vibrating unit) 121 kg

BM 63

Working width..... 5,25 m
Weight (incl. vibrating unit) 131 kg

BM 64

Working width..... 6,25 m
Weight (incl. vibrating unit) 143 kg

Petrol engine..... BE10 Honda
Rating 2 400 W

BT 90

Modular Screed System



The BT 90 is a modular screed designed for large paving widths. It is made up of a drive section (electric, petrol or pneumatic) to be assembled to various screed sections according to the total working widths required.

Screed sections available: 1 m, 2 m or 3 m.

Screed sections, 1 m section

| | |
|--------------|---------|
| Length | 1095 mm |
| Width | 420 mm |
| Height..... | 376 mm |

Screed sections, 2 m section

| | |
|--------------|---------|
| Length | 2095 mm |
| Width | 420 mm |
| Height..... | 376 mm |

Screed sections, 3 m section

| | |
|--------------|---------|
| Length | 3095 mm |
| Width | 420 mm |
| Height..... | 376 mm |

BT 90

Modular Screed System



Drive unit, Electric

| | |
|------------------|------------------------------|
| Length | 720 mm |
| Width | 535 mm |
| Height..... | 980 mm |
| Frequency | 2 865 rpm |
| Input..... | 3 kW |
| Powered by | 230V-3-50 Hz or 400V-3-50 Hz |

Drive unit, Petrol

| | |
|------------------|--------------|
| Length | 720 mm |
| Width | 620 mm |
| Height..... | 980 mm |
| Frequency | 2 900 rpm |
| Input..... | 5,5 kW |
| Powered by | HONDA GX 270 |

Drive unit, Pneumatic

| | |
|------------------|------------|
| Length | 278 mm |
| Width | 585 mm |
| Height..... | 970 mm |
| Powered by | Compressor |



Finishing Vibrating Beams

BV

Finishing

Vibrating beams



BV 20A

| | |
|--------------------------|---------------------|
| Working width..... | 2,0 m |
| Weight..... | 21 kg |
| Articulated handle | Yes |
| Energy..... | Electric |
| Motor | 10 500 RPM vibrator |

BV 21C

| | |
|--------------------------|-----------------------------|
| Working width..... | 2,0 m |
| Weight..... | 18 kg |
| Articulated handle | Yes |
| Energy..... | Petrol |
| Motor | 4-stroke engine, Honda GX25 |

BV 30 C

| | |
|-----------------------------|---|
| Working width..... | 1,8m, 2,4m, 3,0m, 3,6m, 4,2 m* |
| Bottom plate weight..... | 20 kg, 21,5 kg, 23,1 kg, 24,7 kg, 26,3 kg |
| Vibrating unit..... | 4-stroke engine, Honda OHC GX35 |
| Power kw - (hp) | 1,2-(1,6) at 7000 rpm |

** the beam is available with 5 possible plates of various lengths*



Power Trowels

BG Power

Trowels

Single hand-guided
trowels,
petrol versions



BG 21G, Honda

| | |
|-----------------------------|----------------|
| Operating weight | 56 kg |
| Rotor diameter | 600 mm |
| Blade speed | 50 to 110 rpm |
| Type of handle | Foldable |
| Engine model | Honda GX120 |
| Rated power kW - (hp) | 2,4 - (3,1) |
| At (rpm) | 3 000 |
| Tank capacity | 2,5 l |
| Dimensions (LxWxH) | 900x700x900 mm |

BG 39GS, Honda

| | |
|-----------------------------|--------------------|
| Operating weight | 76 kg |
| Rotor diameter | 890 mm |
| Blade speed | 50 to 120 rpm |
| Type of handle | Short |
| Engine model | Honda GX160 QX |
| Rated power kW - (hp) | 4,0 - (5,5) |
| At (rpm) | 3 600 |
| Tank capacity | 3,6 l |
| Dimensions (LxWxH) | 1 800x930x1 010 mm |

BG 39GL, Honda

| | |
|-----------------------------|--------------------|
| Operating weight | 88 kg |
| Rotor diameter | 890 mm |
| Blade speed | 50 to 120 rpm |
| Type of handle | Long |
| Engine model | Honda GX160 QX |
| Rated power kW - (hp) | 4,0 - (5,5) |
| At (rpm) | 3 600 |
| Tank capacity | 3,6 l |
| Dimensions (LxWxH) | 2 530x930x1 010 mm |

Transport wheel kit, lifting eye optional

BG Power

Trowels

Single hand-guided
trowels, petrol versions



BG 49GS, Honda

| | |
|----------------------------|----------------------|
| Operating weight..... | 107 kg |
| Rotor diameter | 1 140 mm |
| Blade speed | 50 to 120 rpm |
| Type of handle | Short |
| Engine model..... | Honda GX270QX |
| Rated power kW - (hp)..... | 6,6 - (9,0) |
| At (rpm) | 3 600 |
| Tank capacity | 6 l |
| Dimensions (LxWxH) | 2 176x1 196x1 010 mm |

BG 49GL, Honda

| | |
|----------------------------|----------------------|
| Operating weight..... | 119 kg |
| Rotor diameter | 1 140 mm |
| Blade speed | 50 to 120 rpm |
| Type of handle | Long |
| Engine model..... | Honda GX270 QX |
| Rated power kW - (hp)..... | 6,6 - (9,0) |
| At (rpm) | 3 600 |
| Tank capacity | 6 l |
| Dimensions (LxWxH) | 2 796x1 196x1 010 mm |

Transport wheel kit, lifting eye optional

BG Power

Trowels

Single hand-guided
trowels,
electric versions



BG 21E

| | |
|-------------------------|----------------|
| Operating weight..... | 58 kg |
| Rotor diameter | 600 mm |
| Blade speed | 110 rpm |
| Type of handle..... | Foldable |
| Voltages available..... | 230V-1-50 Hz |
| Power, kW | 1,1 |
| Protection index | IP54 |
| Dimensions (LxWxH)..... | 900x700x900 mm |

BG 33E

| | |
|-------------------------|-----------------------------|
| Operating weight..... | 77 kg |
| Rotor diameter | 830 mm |
| Blade speed | 50 to 100 rpm |
| Type of handle..... | Long foldable |
| Voltages available..... | 230V-3-50 Hz or 400-3-50 Hz |
| Power, kW)..... | 1,35/2,0 or 1,6/2,4 |
| Protection index | IP44 |
| Dimensions (LxWxH)..... | 2 550x870x950 mm |

BG 42E

| | |
|-------------------------|-----------------------------|
| Operating weight..... | 88 kg |
| Rotor diameter | 1020 mm |
| Blade speed | 50 to 100 rpm |
| Type of handle..... | Long foldable |
| Voltages available..... | 230V-3-50 Hz or 400-3-50 Hz |
| Power, kW | 1,35/2,0 or 1,6/2,4 |
| Protection index | IP44 |
| Dimensions (LxWxH)..... | 2 665x1070x950 mm |

**BG Power
Trowels**

Ride-on
double trowels



BG 70, Honda

| | |
|----------------------------------|---------------|
| Type..... | Mechanical |
| Working width..... | 1 780 mm |
| Engine model..... | Honda GX620 |
| Power at 3 600 rpm Kw (hp) | 15-(20) |
| Blade speed | 70 to 150 rpm |
| Overlapping | No |
| Weight | 320 kg |

Grinders & Cutters

Floor saws



ORKA 350/450, petrol

| | |
|---------------------------|------------------|
| Max. disc size | 450 mm |
| Max. cutting depth..... | 175mm |
| Engine..... | HONDA GX390 QXC4 |
| Power kW - (hp)..... | 9,6 - (13) |
| Water tank capacity | 30 l |
| Weight | 98 kg |

ORKA 350/450, diesel

| | |
|---------------------------|---------------------|
| Max. disc size | 450 mm |
| Max. cutting depth..... | 175mm |
| Engine..... | Lombardini 15LD 350 |
| Power kW - (hp)..... | 5,3 - (7) |
| Water tank capacity | 30 l |
| Weight | 108 kg |

**Diamond discs
for floor saws**
Laser-welded discs



Fresh concrete

| | |
|-------------|-------------|
| 350 mm..... | MURENA 350F |
| 450 mm..... | MURENA 450F |

Cured concrete

| | |
|-------------|-------------|
| 350 mm..... | MURENA 350C |
| 450 mm..... | MURENA 450C |
| 500 mm..... | MURENA 500C |

Asphalt

| | |
|-------------|-------------|
| 350 mm..... | MURENA 350A |
| 450 mm..... | MURENA 450A |
| 500 mm..... | MURENA 500A |

Table saws



DYNO350 T, TILTEABLE

| | |
|--------------------------|----------------------------|
| Max. blade size..... | 350 mm |
| Max. cutting depth..... | 110mm |
| Max. cutting length..... | 600 mm |
| Tilteable | Yes, from 90 to 45 degrees |
| Power kW - (hp) | 2,2 (3) |
| Power supply | 230V-1-50 Hz |
| Water pan capacity | 32 l |
| Total weight..... | 69 kg |

Diamond discs for table saws

Laser-welded discs



UNIV350

Type of blade Universal
Diameter 350 mm
Suitable for Masonry, concrete tiles,
..... bricks, sandstone, limestone

GRAN350

Type of blade Granite
Diameter 350 mm
Suitable for Granite, Porphyry, Paving blocks

ABRA350

Type of blade Abrasive
Diameter 350 mm
Suitable for Abrasive bricks and stones, sandstone

CERA350

Type of blade Ceramic
Diameter 350 mm
Suitable for Marble, Decoration tiles

BS50

Grinding machines



BS50E, electric

| | |
|-------------------------------|------------------------------|
| Grinding width | 500 mm |
| Weight | 280 kg |
| Adjustable grinding load..... | 80 to 200 kg |
| Grinding speed..... | 450 rpm |
| Engine..... | 220 or 380 V-3-50Hz or 60 Hz |
| Power kW | 7,5 |
| Speed | 1 450 rpm |



External Vibrators

ER
Electric External
Vibrators

High speed
6000 rpm



ER207B

| | |
|-----------------------------|---------------|
| Max centrifugal force | 6 500 N |
| Voltage | 42V-3-200 Hz* |
| Intensity | 11 A |
| Weight | 10,5 kg |
| Bracket attachment | VT2 |

ER407B

| | |
|-----------------------------|---------------|
| Max centrifugal force | 12 000 N |
| Voltage | 42V-3-200 Hz* |
| Intensity | 16,5 A |
| Weight | 15,5 kg |
| Bracket attachment | VT4 |

ER507B

| | |
|-----------------------------|---------------|
| Max centrifugal force | 17 000 N |
| Voltage | 42V-3-200 Hz* |
| Intensity | 23,5 A |
| Weight | 23,2 kg |
| Bracket attachment | VT4 |

**250 V available upon request.*

ER

Electric External Vibrators

Normal speed
3000 rpm



ER105

Max centrifugal force 500 N
Intensity at 230/400V (A) 0,16/0,09
Weight 2,7 kg

ER205

Max centrifugal force 14 00 N
Intensity at 230/400V (A) 0,3/0,18
Weight 4,3 kg

ER305

Max centrifugal force 3 000 N
Intensity at 230/400V (A) 0,7/0,4
Weight 11 kg

ER405

Max centrifugal force 6 000 N
Intensity at 230/400V (A) 1,8/1,09
Weight 20 kg

ER505

Max centrifugal force 8 000 N
Intensity at 230/400V (A) 2,2/1,3
Weight 22 kg

*Standard Voltage 230/400V - 3-50 Hz
other voltages upon request*

ER

Electric External Vibrators

Normal speed
3000 rpm



ER605

Max centrifugal force 12 000 N
Intensity at 230/400V (A) 3,3/1,9
Weight 44,6 kg

ER705

Max centrifugal force 16 000 N
Intensity at 230/400V (A) 4,2/2,5
Weight 46,8 kg

*Standard Voltage..... 230/400V - 3-50 Hz
other voltages upon request*

ER

Electric External Vibrators

Low speed
1500 rpm



ER113S

Max centrifugal force 310 N
Intensity at 230/400V (A) 0,20/0,11
Weight 4,7 kg

ER123S

Max centrifugal force 780 N
Intensity at 230/400V (A) 0,21/0,3
Weight 5,6 kg

ER143S

Max centrifugal force 2 080 N
Intensity at 230/400V (A) 0,45/0,45
Weight 10,8 kg

ER203S

Max centrifugal force 4 040 N
Intensity at 230/400V (A) 0,66/0,6
Weight 24,5 kg

ER303S

Max centrifugal force 7 090 N
Intensity at 230/400V (A) 0,92/0,9
Weight 34,5kg

*Standard Voltage 230/400V - 3-50 Hz
other voltages upon request*

ER

Electric External Vibrators

Low speed
1500 rpm



ER403S

Max centrifugal force 10 990 N
Intensity at 230/400V (A) 1,16
Weight 40,7 kg

ER503S

Max centrifugal force 14 510 N
Intensity at 230/400V (A) 1,50/1,7
Weight 51 kg

ER533S

Max centrifugal force 27 210 N
Intensity at 230/400V (A) 5,7/3,3
Weight 85 kg

ER623S

Max centrifugal force 38 250 N
Intensity at 230/400V (A) 7,9/4,6
Weight 115 kg

*Standard Voltage 230/400V - 3-50 Hz
other voltages upon request*

ER

Electric External Vibrators

Low speed
1000 rpm



ER422

Max centrifugal force 9 230 N
Intensity at 230/400V (A) 2,4/1,4
Weight 57 kg

ER522

Max centrifugal force 18 200 N
Intensity at 230/400V (A) 3,9/2,3
Weight 95 kg

ER622

Max centrifugal force 29 000 N
Intensity at 230/400V (A) 7,6/4,4
Weight 138 kg

ER722

Max centrifugal force 45 700 N
Intensity at 230/400V (A) 8,6/5,0
Weight 192 kg

ER822

Max centrifugal force 69 760 N
Intensity at 230/400V (A) 18,1/10,5
Weight 274 kg

*Standard Voltage 230/400V - 3-50 Hz
other voltages upon request*

ER

Electric External Vibrators

Low speed
1000 rpm



ER922

Max centrifugal force 85 500 N
Intensity at 230/400V (A) 24,9/14,4
Weight 318 kg

ER1022

Max centrifugal force 96 710 N
Intensity at 230/400V (A) 25,9/15,0
Weight 400 kg

ER1122

Max centrifugal force 120 150 N
Intensity at 230/400V (A) 29,4/17,0
Weight 470 kg

ER1222

Max centrifugal force 134 310 N
Intensity at 230/400V (A) 29,7/17,2
Weight 485 kg

*Standard Voltage 230/400V - 3-50 Hz
other voltages upon request*

EP

Pneumatic

Vibrators

High speed



EP121B

| | |
|-----------------------------|------------|
| Speed | 9 000 rpm |
| Max centrifugal force | 8 100 N |
| Air consumption | 1 200 l/mn |
| Weight | 9,5 kg |
| Bracket attachment | VT2 |

EP271B

| | |
|-----------------------------|------------|
| Speed | 9 350 rpm |
| Max centrifugal force | 10 350 N |
| Air consumption | 1 200 l/mn |
| Weight | 10 kg |
| Bracket attachment | VT2 |

EP371B

| | |
|-----------------------------|------------|
| Speed | 9 350 rpm |
| Max centrifugal force | 26 800 N |
| Air consumption | 1 400 l/mn |
| Weight | 16,5 kg |
| Bracket attachment | VT4 |

EP601B

| | |
|-----------------------------|------------|
| Speed | 8 800 rpm |
| Max centrifugal force | 31 500 N |
| Air consumption | 1 400 l/mn |
| Weight | 18 kg |
| Bracket attachment | VT4 |

EB Ball Vibrators



EB10, at 2 bar - 29 PSI

Frequency20 000 rpm
Centrifugal force 228 N
Air consumption 112 l/mn

EB10, at 4 bar - 60 PSI

Frequency22 000 rpm
Centrifugal force 273 N
Air consumption 168 l/mn

EB13, at 2 bar - 29 PSI

Frequency 16 000 rpm
Centrifugal force 303 N
Air consumption 112 l/mn

EB13, at 4 bar - 60 PSI

Frequency 18 000 rpm
Centrifugal force 383 N
Air consumption 168 l/mn

EB19, at 2 bar - 29 PSI

Frequency 11 000 rpm
Centrifugal force 1 232 N
Air consumption 196 l/mn

EB19, at 4 bar - 60 PSI

Frequency 13 000 rpm
Centrifugal force 1 716 N
Air consumption 308 l/mn

EB19, at 6 bar - 80 PSI

Frequency 14 000 rpm
Centrifugal force 1 980 N
Air consumption 420 l/mn

EB Ball Vibrators



EB25, at 2 bar - 29 PSI

| | |
|-------------------------|------------|
| Frequency | 10 000 rpm |
| Centrifugal force | 1 628 N |
| Air consumption | 280 l/mn |

EB25, at 4 bar - 60 PSI

| | |
|-------------------------|------------|
| Frequency | 11 000 rpm |
| Centrifugal force | 1 980 N |
| Air consumption | 392 l/mn |

EB25, at 6 bar - 80 PSI

| | |
|-------------------------|------------|
| Frequency | 11 900 rpm |
| Centrifugal force | 2 376 N |
| Air consumption | 504 l/mn |

EB35, at 2 bar - 29 PSI

| | |
|-------------------------|-----------|
| Frequency | 7 600 rpm |
| Centrifugal force | 2 596 N |
| Air consumption | 392 l/mn |

EB35, at 4 bar - 60 PSI

| | |
|-------------------------|-----------|
| Frequency | 8 200 rpm |
| Centrifugal force | 3 080 N |
| Air consumption | 504 l/mn |

EB35, at 6 bar - 80 PSI

| | |
|-------------------------|-----------|
| Frequency | 8 800 rpm |
| Centrifugal force | 3 564 N |
| Air consumption | 616 l/mn |

EB Ball Vibrators




EB41, at 6 bar - 80 PSI

Frequency 7 000 rpm

Centrifugal force 4 620 N

Air consumption 728 l/mn



Electric Submersible Pumps

Electric Submersible Pumps

Available with hose -
BSP - NPT connections



RL2010

Connection diameter.....2 in/50 mm
Max. total head..... 51 ft/15,1 m
Max. capacity.....36 m³/h / 600 l/mn
Optional control levelFloat switch
Weight..... 27,5 lbs/12,5 kg

RL2030

Connection diameter..... 3 or 4 in/80 or 100 mm
Max. total head..... 48 ft / 14,5 m
Max. capacity.....90 m³/h / 1500 l/mn
Optional control levelFloat switch
Weight.....44,1 lbs/20 kg

RL4140

Connection diameter..... 3 or 4 in/80 or 100 mm
Max. total head..... 67 ft/20,5 m
Max. capacity..... 96 m³/h / 1610 l/mn
Optional control levelFloat switch
Weight..... 55 lbs/25 kg

RL4150

Connection diameter..... 4 or 3 in/100 or 80 mm
Max. total head.....46 ft/14 m
Max. capacity.....180 m³/h / 3000 l/mn
Optional control level NVB electronic level control
Weight.....121 or 139 lbs/55 or 63 kg

**Electric
Submersible
Pumps**

Available with hose -
BSP - NPT connections



RL4060

Connection diameter 4 or 3 in/100 or 80 mm
Max. total head 98 ft/30 m
Max. capacity 204 m³/h / 3400 l/mn
Optional control level NVB electronic level control
Weight 121 to 139 lbs/55 or 63 kg

RL6070

Connection diameter 6 or 4 in/150 to 100 mm
Max. total head 115 ft/35 m
Max. capacity 282 m³/h / 4700 l/mn
Optional control level NVB electronic level control
Weight 210 lbs/95 kg

RL6090

Connection diameter 6 or 4 in/150 to 100 mm
Max. total head 148 ft/45 m
Max. capacity 378 m³/h / 6300 l/mn
Optional control level NVB electronic level control
Weight 397 lbs/180 kg

Metric/U.S. Conversion Table

| To Convert From | Into | Multiply By |
|--------------------|--------------------|--------------------------------------|
| acres | sq meters | 4,047 |
| bar | pounds/sq in | 14.504 |
| Celsius (°C) | Fahrenheit | $(^{\circ}\text{C} \times 9/5) + 32$ |
| centimeters | inches | 0.3937 |
| cubic centimeters | cu inches | 0.06102 |
| cubic feet | cu meters | 0.02832 |
| cubic feet | liters | 28.32 |
| cubic ft/min | cu meter/min | 0.02831 |
| cubic inches | cu centimeters | 16.3872 |
| cubic meters | cu feet | 35.31 |
| cubic meters | cu yards | 1.308 |
| cubic yards | cu meters | 0.7646 |
| cubic yards | liters | 764.6 |
| feet | meters | 0.3048 |
| feet | millimeters | 304.8 |
| feet/min | meters/min | 0.3048 |
| Fahrenheit (°F) | Celsius | $(^{\circ}\text{F} - 32) \times 5/9$ |
| gallons (U.S.) | liters | 3.785 |
| gallons/min | liters/sec | 0.063 |
| Hertz | vibrations/min | 60 |
| horsepower, metric | horsepower | 0.9863 |
| horsepower | horsepower, metric | 1.014 |
| inches | centimeters | 2.54 |
| inches | millimeters | 25.4 |
| kilograms | pounds | 2.205 |
| kilograms | tons (long) | 0.0011023 |
| kilograms | tons (short) | 0.0009842 |
| kilograms (force) | Newtons | 9.807 |
| kilograms/cm | pounds/in | 5.60 |
| kilograms/cu.m | lb/cu ft | 0.0624 |
| kilograms/cu.m | lb/cu yd | 1.6856 |
| kilograms/sq cm | lb/sq in | 14.22 |
| kilograms/sq m | lb/sq ft | 0.02048 |

| To Convert From | Into | Multiply By |
|------------------------|--------------------|--------------------|
| kilometers | miles | 0.6214 |
| kilometers/hr | miles/hr | 0.6214 |
| kilometers | feet | 3,209 |
| kilopascals (kPa) | pounds/sq in | 0.145 |
| kpm | lb ft | 7.233 |
| liters | cu ft | 0.035 |
| liters | gal (U.S. liq) | 0.264 |
| liters | qts (U.S. liq) | 1.057 |
| Megapascals (MPa) | pounds/sq in | 145.04 |
| meters | feet | 3.281 |
| meters | inches | 39.37 |
| meters | miles (statute) | 0.0006214 |
| meters | yards | 1.094 |
| meters/min | feet/min | 3.281 |
| miles (statute) | kilometers | 1.609 |
| miles (statute) | meters | 1,609 |
| miles/hr | kms/hr | 1.609 |
| millimeters | inches | 0.03937 |
| millimeters | feet | 0.0033 |
| Newtons | pounds (force) | 0.225 |
| Newtons | kilograms (force) | 0.102 |
| Newton meters (Nm) | pounds-inches | 8.8507 |
| Newton meters (Nm) | pound-feet | 0.7376 |
| pints (liq) | liters | 0.473 |
| pounds | kilograms | 0.4536 |
| pound-feet | KPM | 0.1383 |
| pound-feet | Newton meters (Nm) | 1.3556 |
| pounds (force) | Newtons | 4.448 |
| pound-inches | Newton meters (Nm) | 0.1130 |
| pounds/in | kilograms/cm | 0.1786 |
| pounds/cu yd | kg/cu meter | 0.55955 |
| pounds/sq in | bar | 0.06895 |
| pounds/sq in | kg/sq cm | 0.0703 |
| pounds/sq in | kilopascals (kPa) | 6.895 |
| pounds/sq in | megapascals (MPa) | 0.006895 |
| quarts (liq) | liters | 0.9463 |

| To Convert From | Into | Multiply By |
|-----------------|---------------|---------------|
| rod | meters | 5.029 |
| sq centimeters | sq inches | 0.155 |
| sq feet | sq meters | 0.0929 |
| sq feet | sq yards | 0.1111 |
| sq inches | sq cms | 6.452 |
| sq kilometers | sq miles | 0.3861 |
| sq meters | sq feet | 10.76 |
| sq meters | sq yards | 1.196 |
| sq miles | sq kms | 2.59 |
| sq millimeters | sq inches | 0.00155 |
| sq yds | sq meters | 0.8361 |
| Temperature | Celsius (°C) | (°F-32) x 5/9 |
| tons (long) | tons (short) | 1,016 |
| tons (metric) | kilograms | 1,000 |
| tons (metric) | pounds | 2,205 |
| tons (short) | kilograms | 907.18 |
| tons (short) | tons (metric) | 0.9078 |
| vibrations/min | Hertz | 0.0167 |
| yards | meters | 0.9144 |

Notes

This image shows a full page of white paper with horizontal dashed lines, typical of primary school handwriting practice paper. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



Dynapac is so much more than just equipment.

When our machines are distributed, we include a whole concept of service with original parts, support and organized know-how, covering all the needs in the entire field of compaction and paving – on every continent. We have cut down on response times and increased availability, reliability and distribution speed. For optimum quality, the same engineer who designed the original machine also looked after the parts. We have a row of service points around the globe to provide peace of mind. Through the internet, our service points have documentation and parts availability information, updated minute by minute. We have developed a complete international network, always ready to offer support and assist with parts and service in order to maintain the highest product quality.

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