

# ***Dynamic***

*Be Your Reliable Partner*

**BAR BENDER & CUTTER**

**CONCRETE TECHNOLOGY**

**COMPACTION**

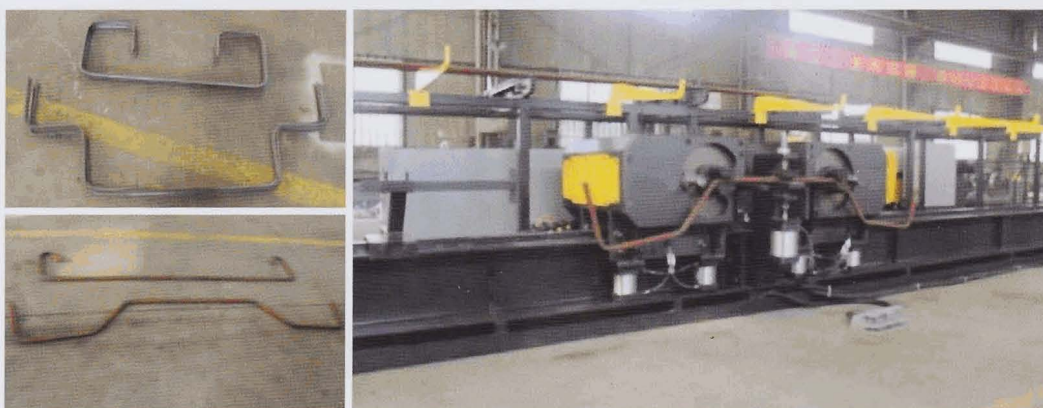
**DEMOLITION**

**UTILITY**



For further information please contact :

## CNC Steel Bar Processing System



### Steel Bar Bending Center (CNC) LSW32

| Type                                   |                   | LSW32                      |               |
|----------------------------------------|-------------------|----------------------------|---------------|
| Tensile Strength (kg/mm <sup>2</sup> ) | 45/65             | Max Bending Speed (°/sec)  | 72            |
| Bending Capacity (mm)                  | 10-32/10-30       | Installed Power (kW)       | 14            |
| Max. Bending Angle (°)                 | 180               | Air Pressure (Mpa)         | 0.6           |
| Operation                              | Automatic bending | Electric Consumption (kWh) | 5             |
| Max. Length Stirrup Side (m)           | 11                | Weight (Ton)               | 3.2           |
| Min. Length Stirrup Side (mm)          | 700               | Dimensions (cm)            | 1,200x200x160 |

### Stirrup Bender (CNC) SGW12 – ALS & TPO



| Type                       | SGW12                   |
|----------------------------|-------------------------|
| Single / Double Wire (mm)  | 5.0 - 13.0 / 5.0 - 13.0 |
| Max. Bending Angle (°)     | 180                     |
| Length Stirrup Side (mm)   | 90-1,000                |
| Max Traction Speed (m/min) | 75-100                  |
| Max. Bending Speed (°/Sec) | 800-1,050               |
| Length Accuracy (mm)       | ± 1                     |
| Bending Angle Accuracy (°) | ± 1                     |

features and specifications are subject to change without notification

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**Dynamic**

## BAR BENDER & BAR CUTTER



DB 40



DB 52



DS 32

### Bar Bender

| Type              | DB40        | DB52          |
|-------------------|-------------|---------------|
| Max. Bending (mm) | 40          | 52            |
| Motor Power (hp)  | 4.0         | 5.4           |
| Dimension (mm)    | 930x830x850 | 1,000x800x900 |
| Weight (kg)       | 305         | 466           |

### Spiral Bender

| Type              | DS32        |
|-------------------|-------------|
| Max. Bending (mm) | 32          |
| Motor Power (hp)  | 4           |
| Dimension (mm)    | 900x800x850 |
| Weight (kg)       | 340         |

**Dynamic Bar Bender & Bar Cutter** main components all made of high-quality forged alloyed steel with proper heat treatment (quenching/ tempering/ high frequency).

### Bar Cutter

| Type              | DC40          | DC42          |
|-------------------|---------------|---------------|
| Max. Cutting (mm) | 40            | 42            |
| Motor Power (hp)  | 4.0           | 4.0           |
| Weight (kg)       | 380           | 470           |
| Dimension (mm)    | 1,350x550x730 | 1,100x500x900 |

### Portable Bar Cutter

| Type                   | DC20           | DC25             |
|------------------------|----------------|------------------|
| Power                  | 900W 220V 50Hz | 1,300W 220V 50Hz |
| Max Cutting (mm)       | 20             | 25               |
| Min Cutting (mm)       | 4              | 4                |
| Cutting Pressure (Ton) | 15             | 30               |
| Cutting Speed (Sec)    | 4.0-5.0        | 5.0              |
| N.W (kg)               | 13             | 24.5             |
| G.W (kg)               | 18.5           | 32               |
| Packing                | Metal Box      |                  |
| Machine Size (mm)      | 410x115x220    | 480x150x255      |

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**Dynamic**

## CONCRETE TECHNOLOGY

### Portable Electric Vibrator

| Model                     | Dingo230V   | AX25   | AX38/40 |
|---------------------------|-------------|--------|---------|
| Frequency (Hz)            | 50-60       | -      | -       |
| Vibration Frequency (rpm) | 18,000      | 14,000 | 13,500  |
| Power (W)                 | 2,300       | -      | -       |
| Capacity (m³/h)           | -           | 10     | 17      |
| Weight (kg)               | 5.4         | 8      | 8.9     |
| Dimensions (mm)           | 244x245x229 | 25x300 | 38x345  |



Dingo 230V



AX 38/40  
AX 25



AFE 2500



AFE 3500

### High Frequency Converter

| Type             | AFE2500      | AFE3500    |
|------------------|--------------|------------|
| Input            | 380V 3~ 50Hz |            |
| Power (kW)       | 4            | 6          |
| Current Output   | 2.5kVA 35A   | 3.5kVA 50A |
| Voltage Output   | 42V 3~ 200Hz |            |
| Number of Outlet | 3            | 3          |
| Weight (kg)      | 34           | 70         |

### High Frequency Internal Vibrator

| Type                  | M38AFP | M5AFP | M6AFP |
|-----------------------|--------|-------|-------|
| Vibrator head Ø (mm)  | 38     | 50    | 58    |
| Length of Head (mm)   | 369    | 363   | 430   |
| Current (A)           | 8      | 12    | 15    |
| Frequency (rpm)       | 12,000 |       |       |
| Centrifugal Force (N) | 1,500  | 3,300 | 5,600 |
| Shaft Length (m)      | 5      | 5     | 5     |
| Cable length (m)      | 10     | 10    | 10    |
| Weight (kg)           | 12     | 14    | 16    |



M 6 AFP  
M 5 AFP  
M 38 AFP

### Mechanical Engine Vibrator

| Type                    | CD65H       | CT65D   |
|-------------------------|-------------|---------|
| Engine                  | Honda       | Dynamic |
| Power (hp)              | 5.5         | 6.5     |
| Fuel Tank (liter)       | 3.8         | 3.86    |
| Consumption (litr/hour) | 1.12        | 1.25    |
| Weight (kg)             | 26          | 27      |
| Dimensions (mm)         | 460x460x510 |         |



CD 65H



CT 65D

### Shaft Vibrator

| Type         | SHD/SHT |        |        |        |
|--------------|---------|--------|--------|--------|
|              | 38 (4)  | 38 (6) | 45 (4) | 45 (6) |
| Head (mm)    | 38      | 38     | 45     | 45     |
| Hose (m)     | 4       | 6      | 4      | 6      |
| V. P. Approx | 10,500  |        | 12,000 |        |
| Weight (kg)  | 13      | 17     | 14     | 18     |



38 & 45

features and specifications are subject to change without notification

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**Dynamic**

## CONCRETE TECHNOLOGY

Dynamic Electric vibrator is a steel cylinder about the size of the handle of a baseball bat, with a hose or electrical cord attached to one end. The vibrator head is immersed in the wet concrete.

### High Frequency Converter

| Type               | DHF25/2C     | DHF36/2C     | DHF54/3C |
|--------------------|--------------|--------------|----------|
| Input              | 220V 1~ 50Hz | 380V 3~ 50Hz |          |
| Power Output (kVA) | 2.5          | 3.0          | 4.5      |
| Current Output (A) | 25           | 36           | 54       |
| Voltage Output (V) | 42V 3~ 200Hz |              |          |
| No. of Outlet      | 2            | 2            | 3        |
| Power Cable (m)    | 5            | 5            | 5        |
| Weight (kg)        | 42           | 64           | 78       |
| Dimension (mm)     | 680x280x360  | 725x320x440  |          |

### Mechanical Converter

| Type               | DMC25/2C     |
|--------------------|--------------|
| Output Power (kVA) | 3.0          |
| Output Current (A) | 30           |
| Output Voltage (V) | 48V 3~ 200Hz |
| No. of Outlet      | 2            |
| Drive              | Honda GX160  |
| Power (hp)         | 5.5          |
| Weight (kg)        | 43           |
| Dimension (mm)     | 665x450x430  |



DHF 36/2C  
DHF 54/3C



DMC 25/2C

### High Frequency Internal Vibrator

DIVO 38C



DIVO 50C

| Type                      | DIVO 38C     | DIVO 50C | DIVO 60C |
|---------------------------|--------------|----------|----------|
| Power Source              | 42V 3~ 200Hz |          |          |
| Diameter of Head (mm)     | 38           | 50       | 60       |
| Length of Head (mm)       | 352          | 390      | 436      |
| Current (A)               | 8            | 12       | 16       |
| Vibration Frequency (rpm) | 12,000       |          |          |
| Centrifugal Force (kN)    | 1.8          | 2.0      | 2.2      |
| Shaft Length (m)          | 5            | 5        | 5        |
| Cable Length (m)          | 10           | 10       | 10       |
| Weight of Head (kg)       | 10           | 13       | 16       |



EXV 15



EXV 30

### External Vibrator

| Type                      | EXV 15       | EXV 30 | EXV 50 |
|---------------------------|--------------|--------|--------|
| Force of Vibration (kgf)  | 700          | 980    | 1,300  |
| Rated Current (A)         | 3.24         | 4.53   | 6.20   |
| Vibration Frequency (rpm) | 2,840        |        |        |
| Voltage                   | 380V 3~ 50Hz |        |        |
| Power (kW)                | 1.5          | 2.2    | 3.0    |

features and specifications are subject to change without notification.

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**Dynamic**

## CONCRETE TECHNOLOGY



TS 6.0

### Concrete Truss Screed

| Type                      | TS6.0           |
|---------------------------|-----------------|
| Vibration Frequency (rpm) | 2,650           |
| Engine                    | Honda GX270     |
| Power kW (hp)             | 7 (9.4)         |
| Weight (kg)               | 138.5           |
| Dimension (mm)            | 6,000x3,555x475 |



DSFS

### Surface Finishing Screed

| Type           | DSFS1.2    | DSFS1.8 | DSFS2.4 | DSFS3 |
|----------------|------------|---------|---------|-------|
| Engine         | Honda GX35 |         |         |       |
| Power kW (hp)  | 1.1 (1.5)  |         |         |       |
| Blade Size (m) | 1.2        | 1.8     | 2.4     | 3.0   |
| Weight (kg)    | 14.9       | 16.4    | 17.8    | 19.3  |

**Dynamic Truss Screed and Surface Finishing** Screed series could be easily operated and greatly increases work efficiency for concrete vibrating, compaction and leveling.

### Power Trowel

| Type                 | DPT60H      | DPT100H         |
|----------------------|-------------|-----------------|
| Trowel Diameter (mm) | 570         | 920             |
| Pitch Range (°)      | 0-15        | 0-15            |
| Speed Range (r/min)  | 60-100      | 60-100          |
| Engine               | Honda GX160 |                 |
| Power (hp)           | 5.5         | 5.5             |
| Weight (kg)          | 56          | 80              |
| Dimension (mm)       | 870x660x740 | 1,020x1,020x750 |



DPT 60H

DPT 100H



DRT 30H  
DRT 36H

### Ride-On Power Trowel

| Type                | DRT30H          | DRT36H            |
|---------------------|-----------------|-------------------|
| Blade size (mm)     | 260x150         | 350x150           |
| Number of Blades    | 8               | 8                 |
| Rotor Diameter (mm) | 1,600           | 1,920             |
| Engine              | Honda GX390     | Honda GX690       |
| Power (hp)          | 13.0            | 19.0              |
| Weight (kg)         | 205             | 330               |
| Dimension (mm)      | 1,732x870x1,190 | 1,960x1,040x1,200 |

features and specifications are subject to change without notification

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**Dynamic**

PM 5



PM 5X



PM 5 Mini



## Grout Pump BAUMANN

| Type                         | PM5                             | PM5X               | PM5Mini                         |
|------------------------------|---------------------------------|--------------------|---------------------------------|
| Versions                     | -                               | With Pan Mixer 100 | -                               |
| Worm Pump                    | 2L6                             | 2L6                | 1L6                             |
| Delivery Rate (liter/min)    | 7 or 40                         | 7 or 40            | 15 or 30                        |
| Delivery Pressure* (Bar)     | 25                              | 25                 | 15                              |
| Delivery Distance* (m)       | up to 60m horizontal / 40m high |                    | up to 40m horizontal / 15m high |
| Drive Motor (kW ; W ; r/min) | 5.5kW ; 400V                    |                    | 3.7kW 106r/min                  |
| Drive Mixer (kW)             | -                               | 2.2kW              | -                               |
| Hopper Volume (liter)        | 100                             | 100                | 50                              |
| Maximum Grain Size (mm)      | 6                               | 6                  | 6                               |
| Discharge Connection         | M 35                            | M 35               | M 35                            |
| Weight (kg)                  | 190                             | 400                | 164                             |
| Dimensions (mm)              | 2,290x680x650                   | 2,290x680x1,150    | 1,340x660x650                   |
| Accessories                  | Include                         | Include            | Include                         |

The modular system of **BAUMANN** or **DYNAMIC** series is suitable for users who pump and spray pumpable wet mortars with grain size 3-6 mm. Their versatility and reliability are inspiring users in all sector throughout the world

## Grout Pump With Mixer

| Type                           | EPM300        | EPM400          | EPM500        |
|--------------------------------|---------------|-----------------|---------------|
| Motor Power (kW)               | 3.0/5.5       | 3.0/7.5         | 7.5           |
| Slurry Production (liter/hour) | 1,500-3,000   | 5,000           | 6,000         |
| Sand / Stone Grain (mm)        | ≤ 3           | ≤ 5             | ≤ 5           |
| W/C                            | ≤ 0.30        | ≤ 0.30          | ≤ 0.30        |
| Pressure Of Grout (Mpa)        | 2.5-5.0       | 2.5-5.0         | 2.5-5.0       |
| Vertical Transportation        |               |                 |               |
| Sand, Cement, Slurry (m)       | 50            | 60              | 60            |
| Grout (m)                      | 80            | 80              | 80            |
| Horizontal Transportation (m)  | 200           | 200             | 200           |
| Volume of Hopper (liter)       | 220           | 220             | 220           |
| Weight (kg)                    | 470           | 460             | 530           |
| Dimensions (mm)                | 1,400x760x117 | 1,570x800x1,200 | 1,460x800x930 |



EPM 500

## Grout Pump Without Mixer

| Type                           | EGP300        | EGP400        | EGP500        |
|--------------------------------|---------------|---------------|---------------|
| Motor Power (kW)               | 5.5           | 7.5           | 7.5           |
| Slurry Production (liter/hour) | 1,500-3,000   | 5,000         | 6,000         |
| Sand / Stone Grain (mm)        | ≤ 3           | ≤ 5           | ≤ 5           |
| W/C                            | ≤ 0.30        | ≤ 0.30        | ≤ 0.30        |
| Pressure Of Grout (Mpa)        | 2.5-5.0       | 2.5-5.0       | 2.5-5.0       |
| Vertical Transportation        |               |               |               |
| Sand, Cement, Slurry (m)       | 50            | 60            | 60            |
| Grout (m)                      | 80            | 80            | 80            |
| Horizontal Transportation (m)  | 200           | 200           | 200           |
| Volume of Hopper (liter)       | 160           | 180           | 200           |
| Weight (kg)                    | 280           | 320           | 360           |
| Dimensions (mm)                | 1,400x650x900 | 1,300x670x900 | 1,460x800x930 |



EGP 500

features and specifications are subject to change without notification

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**DYNAMIC**

## COMPACTION

**Dynamic Compaction** Vibratory Roller series could be used in the narrow place of the wall, roadside, foundation structure, also can be use for compaction asphalt and concrete.

### Ride-On Vibratory Roller

| Type                             | DR1306          | DR1309            |
|----------------------------------|-----------------|-------------------|
| Width of Steel Wheel (mm)        | 720             | 900               |
| Dia. Of Steel Wheel (mm)         | 560             | 560               |
| Speed (km/hour)                  | 0-3.7           | 0-12.6            |
| Climbing Capacity in Theory (%)  | 30              | 30                |
| Static Load (N/cm <sup>2</sup> ) | 62              | -                 |
| Outer Turning Radius             | -               | 2.8               |
| Nominal Amplitude (mm)           | 0.5             | 0.5               |
| Vibration Frequency (Hz)         | 60              | 70                |
| Exiting Force (kN)               | 13              | 15.2              |
| Water Tank (liter)               | 20              | 100               |
| Engine Type                      | Honda GX390     | Honda GX630       |
| Power (hp/rpm)                   | 13/3,600        | 20/2,800          |
| Fuel Tank (liter)                | 6.5             | 25                |
| Lubricant (liter)                | 1.1             | 1.8               |
| Weight (kg)                      | 630             | 1,800             |
| Dimension (mm)                   | 1,730x765x1,125 | 2,365x1,020x2,250 |
| Packing Size (mm)                | 1,960x950x1,150 | 2,240x1,120x1,800 |



DR 1306  
DR 1309



RS 300D



RS 600D

### Vibratory Roller

| Type                      | RS300D        | RS600D          |
|---------------------------|---------------|-----------------|
| Roller Width (mm)         | 550           | 650             |
| Roller Diameter (mm)      | 400           | 375             |
| Max Travel Speed (m/min)  | 30.0          | 75.0            |
| Centrifugal Force (kgF)   | 20            |                 |
| Water Tank (liter)        | 16            | 40              |
| Engine Diesel             | D170F         | Changchai ZR180 |
| Power (hp)                | 4             | 10              |
| Vibratory Frequency (rpm) | 5,500         | 3,600           |
| Weight (kg)               | 210           | 660             |
| Dimension (mm)            | 1,250x680x950 | 2,490x700x1,130 |

features and specifications are subject to change without notification

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**Dynamic**

## COMPACTION

**Dynamic Tamping Rammer** series is used for compacting the sand, gravel, crushed, sand of soil and the asphalt macadam, concrete and clay.



### Tamping Rammer

| Type                     | DTR85H        | DTR85D      |
|--------------------------|---------------|-------------|
| Shoe Size (mm)           | 330x290       |             |
| Jumping Stroke (mm)      | 40-65         |             |
| Impact Number (Per Min.) | 450-650       |             |
| Impact Force (kN)        | 10            |             |
| Engine                   | Honda GX160   | Diesel 170F |
| Power (hp)               | 5.5           | 3.8         |
| Fuel Tank (liter)        | 2.0           |             |
| Weight (kg)              | 79            | 89          |
| Dimension (mm)           | 1,080x420x760 |             |



**Dynamic Plate Compactor** are walk behind vibratory compactors used to compact gravel, soil and sand on a small scale using impact, kneading and vibration. These machines are used on semi-cohesive or cohesive soils as they are capable of applying a high impact force with high amplitude.

DRPC 270H

### Plate Compactor

| Type                      | DPC160H     | DRPC270H    |
|---------------------------|-------------|-------------|
| Plate Size (mm)           | 520x500     | 700x500     |
| Max Travel Speed (m/min)  | 21          | 20          |
| Vibrating Frequency (vpm) | 4,930       | 4,500       |
| Centrifugal Force (kgF)   | 14          | 30          |
| Directions                | Forward     | Reversible  |
| Engine                    | Honda GX160 | Honda GX270 |
| Power (hp)                | 5.5         | 9.0         |
| Weight (kg)               | 85          | 146         |

features and specifications are subject to change without notification

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DPC 160H

**Dynamic**

## DEMOLITION

**Dynamic Demolition** series could be easily operated for Concrete Cutter and Concrete Breaker in road, bridge, parking lot, Square, factories and other large area projects.



DCC 500H 16  
DCC 500H 20



DCC 300H 14



DCB 55



DCC 35

### Concrete Cutter

| Type                  | DCC300H14   | DCC500H16     | DCC500H20   |
|-----------------------|-------------|---------------|-------------|
| Diameter Blade (inch) | 14          | 16            | 20          |
| Cutting Depth (cm)    | 8           | 14            | 18          |
| Water Tank (liter)    | -           | 27            | 27          |
| Engine                | Honda GX160 | Honda GX270   | Honda GX390 |
| Power (hp)            | 5.5         | 9.0           | 13.0        |
| Fuel Tank (liter)     | 3.8         | 6.1           | 6.5         |
| Weight (kg)           | 64          | 85            | 95          |
| Dimension (mm)        | 910x500x860 | 976x536x1,159 |             |

#### Features :

- The guide handle built-in shock mount to reduce hand-arm
- Easy to assemble and low maintenance cost

### Portable Concrete Cutter

| Type                    | Model       |
|-------------------------|-------------|
| Blade Diameter (mm)     | 300-350     |
| Max. Cutting Depth (mm) | 125         |
| Blade Speed (r/min)     | 5,400       |
| Idle Speed (r/min)      | 2,700       |
| Engine                  | 2 - Stroke  |
| Power (hp)              | 4.5         |
| Weight (kg)             | 15          |
| Dimension (mm)          | 670x280x460 |

### Concrete Breaker

| Type                           | DCB55       |
|--------------------------------|-------------|
| Impact Force (kN)              | 55          |
| Working Rotating Speed (r/min) | 4,250       |
| Impact Number (Hz)             | 22          |
| Engine                         | 2 - Stroke  |
| Power (hp)                     | 2.1         |
| Weight (kg)                    | 30          |
| Dimension (mm)                 | 880x500x390 |

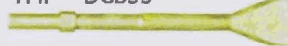
GN - DCB55 (Include)



FLT - DCB55



TMP - DCB55



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**Dynamic**