

# PRODUCT ADVANTAGE BULLETIN

## SUPERIOR COMPACTION IN ANY DIRECTION

Forward. Reverse. On the spot. In any direction, Stone Reversible Plates perform. Ideal for compacting sand, gravel and mixed soils in narrow trenches and along foundations, walls and abutments. Six models including gas and diesel options, provide the most complete selection for all soil conditions and job site applications.

### Eccentric System

All models feature a dual eccentric system. Two counter-rotating eccentrics with adjustable phasing allow directional changes. The infinite adjustment of the eccentric allows “on-the-spot” compaction - giving you that little extra just where you need it.

### Automotive Gear Advantage (RP1130 & RP1350 Model)

Equal load distribution among the drive components results in less friction, less heat and therefore less wear than standard pin and groove systems. Added advantage - much easier and less costly to repair.

### Low Center of Gravity

You want it to go where it's supposed to go. The low center of gravity and low profile gained by a centrally located oil-lubricated dual exciter make Stone reversible plates more maneuverable - less likely to tip.

### Superior Vibration Isolation

Operator comfort and ability to work until the job is done is important. Stone reversible plates offer superior vibration isolation to the engine and operator - extending engine life and making the plates easier to operate thus reducing operator fatigue.

### Productive

Fully hydrostatic, the infinitely variable speed range allows for faster compacting, greater maneuverability and more operator control. With speeds up to 90 ft. per minute you gain maximum productivity up to 13,600 sq. ft. per hour.

### Serviceability

Serviceability counts at Stone. And it sets Stone Reversible Plates apart with an easy-to-clean, easy-to-work on design. Service points are easy to see and easy to reach - cutting service time and costs.

### Protection

Wrap around protection cage protects the plate from accidental damage on any construction site. And its centrally-located lifting bar allows easy transport in and out of trenches. The heavy-weight RP1350 has a low-down cover with a fold away lifting eye.

### Adjustable Handle

An adjustable flip-up locking handle with padded grip allows you to adjust the height to the operator, making operation and control easier. It also folds down for easy transport or flips-up for space saving storage.

### Versatile

Heavy-duty wear-resistant steel base plates give you optimum performance in most applications. An optional paving mat for popular landscaping stone applications is available on the RP522 and RP652. The mat mounted to the base plate allows optimum compaction while preventing cracking and scratching of decorative paving stones.

### Triple Exciter

The RP1130 features patented three-shaft counter-rotating eccentrics that delivers amplitude while reducing lateral movement for a lower center of gravity and more compaction force to the ground.

## Reversible Plates



• *The Infinite Adjustment Of The Eccentric Allows “On-The-Spot” Compaction*

RIGHT BUILT  
MEANS TOUGH  
SENSIBLE  
MACHINES  
THAT LOWER  
LIFETIME  
OWNERSHIP  
COSTS, ARE  
RELIABLE  
AND EASY  
TO SERVICE



  
CONSTRUCTION EQUIPMENT  
RIGHT BUILT. BRED TOUGH. BORN TO WORK.

# Stone Reversible Plates

## Applications

Suitable for larger projects where maneuverability and higher compaction is important.

- Foundations
- Walls
- Basements
- Compacting sand, gravel and mixed soils
- Bridge abutments
- Select sizes can be used with StreetPrint® forms
- Smaller RP522 and RP652, with the addition of the optional paving mat, can be used on landscape pavers, stone, etc.



## Specifications

Model	RP522	RP652	RP850	RP1130	RP1350
<b>Dimensions</b>					
Operating Weight (kg)	220 lbs. (100)	408 lbs. (185)	568 - 629 lbs. (258 - 282)	926 lbs. (420)	1126 lbs. (511)
Plate Size W x L (cm)	15.75" x 24" (40 x 62)	20" x 28" (50 x 70)	24" x 34" (60 x 86)	24" x 35" (60 x 88)	28" x 37" (70 x 93)
Plate Size Without Standard Extensions (cm)	—	—	18" x 34" (45 x 86)	18" x 35" (45 x 88)	22" x 37" (55 x 93)
Machine Size L x W x H (cm)	45" x 15.75" x 40" (114 x 40 x 102)	45" x 20" x 40" (114 x 50 x 102)	57" x 24" x 43" (145 x 60 x 102)	64" x 24" x 39.5" (160 x 60 x 100)	72" x 28" x 39" (184 x 70 x 98,7)
Operating System Engine (kW)	4 hp Honda (2,9)	9 hp Honda (6,6)	9 hp Honda (6,6) 6 hp Hatz (3,7)	9.5 hp Hatz (7)	13.6 hp Hatz (10)
Transmission	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic
<b>Performance</b>					
Centrifugal Force (kN)	4947 lbs. (22)	6519 lbs. (29)	8543 lbs. (38)	11,240 lbs. (50)	13,488 lbs. (60)
Vibration Frequency (Hz)	5800 vpm (98)	5700 vpm (95)	3900 vpm (65)	3900 vpm (65)	3780 vpm (63)
Maximum Productivity (m <sup>2</sup> /hr.)	6456 sq.ft./hr. (600)	7101 sq.ft./hr. (800)	10,200 sq.ft./hr. (936)	8525 sq.ft./hr. (792)	13,600 sq.ft./hr. (1260)
Maximum Speed Forward & Reverse (ft./min.)	80 ft./min. (26)	72 ft./min. (22)	85 ft./min. (26)	72 ft./min. (22)	90 ft./min. (28)
Max. Depth Comp. (cm)	12" (30)	18" (45)	20" (50)	27.56" (70)	31" (80)
Standards	—	—	6" Wide Extension (15,2 cm)	6" Wide Extension (15,2 cm) Electric Start	6" Wide Extension (15,2 cm) Electric Start
Options	* Paving Mat	* Paving Mat	—	—	—

\* Call for availability



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