

SCREENING BUCKET EXCAVATOR



The **Blue Diamond® Excavator**

Screening Bucket allows operators to screen, separate, and recycle material directly from the excavation, reducing hauling, disposal, and imported material costs. Available in 33-inch, 40-inch, 47-inch, and 60-inch models with capacities from 6.0 to 42.38 cubic feet, these heavy-duty screening buckets process trench spoil, topsoil, aggregate, recycled concrete, compost, and demolition debris using flexible polyurethane star rotors that separate material without crushing or shredding.

Built with a reinforced shell, stainless steel non-stick floor, sealed bearings, and a self-tensioning carbon belt drive, Blue Diamond Excavator Screening Buckets deliver dependable, low-maintenance performance for utility contractors, civil construction, demolition, earthmoving, and environmental restoration projects.

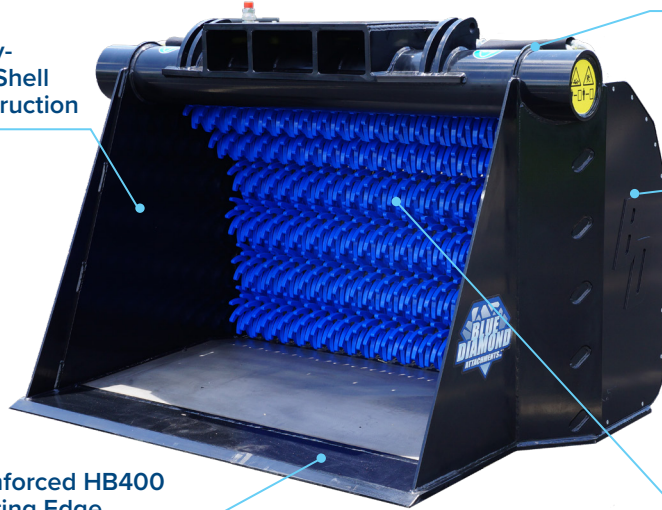
Heavy-Duty Shell Construction

Stone Guards

Reinforced Self-Tensioning Belt Drive

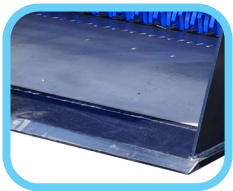
Reinforced HB400 Cutting Edge

Polyurethane Star Rotors

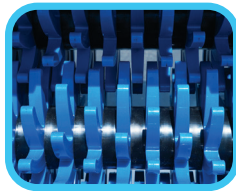


KEY FEATURES

- ◆ Available in 33", 40", 47", and 60" widths
- ◆ Bucket capacities from 6.0 to 42.38 cubic feet
- ◆ Fits excavators from 6,600 to 53,000 lbs
- ◆ Flexible polyurethane star rotors provide non-destructive material separation
- ◆ Carbon fiber reinforced self-tensioning belt drive
- ◆ Stainless steel non-stick floor minimizes material buildup
- ◆ Heavy-duty multi-layer shell construction
- ◆ Reinforced HB400 cutting edge for long life
- ◆ Sealed bearings reduce maintenance requirements
- ◆ Adjustable screening aperture using interchangeable comb kits
- ◆ Quiet operation for urban and residential projects
- ◆ Compatible with many tiltrotator-equipped excavators
- ◆ Mounts available for most mini and full-size excavator models
- ◆ Hoses and couplers sold separately



Reinforced cutting edge



Poly-star kits available



Comb kits available

PART NUMBER	145110	145115	145117	145120	145135
MODEL	33" HEAVY DUTY	40" EXTREME DUTY	47" EXTREME DUTY	60" EXTREME DUTY	60" SEVERE DUTY
CAPACITY	6.0 CU FT	12.36 CU FT	14.85 CU FT	18.60 CU FT	42.38 CU FT
HOST MACHINE SIZE	6,600-11,000	11,000-22,000	22,000-30,000	28,600-35,000	35,000-53,000
ROTORS	3	4	4	4	6
MAX FLOW	14 GPM	23 GPM	23 GPM	23 GPM	42 GPM
MAX PSI	2,900 PSI	2,900 PSI	2,900 PSI	2,900 PSI	2,900 PSI
WEIGHT	557 LBS	1,104 LBS	1,179 LBS	1,585 LBS	1,635 LBS