Stone Mizer®

Bedding Material Containers

Uses:

Efficiency's Stone Mizer® Series offers wider and more durable bedding material containers than any competitor, and can accommodate oversized excavator buckets while withstanding the forces of larger excavators. Stone Mizers® are available in capacities ranging from 5 to 20 cu. yd. in four different series types: ***Standard***, ***Heavy Duty***, ***Extended Width Heavy Duty***, and ***Extended Width Severe Duty***. Custom built models are also available.

Advantages:

Efficiency's Stone Mizer® substantially reduces bedding material loss by keeping it confined to the container. They allow operators to control bedding placement carefully, with a minimum of waste which saves contractors thousands of bottom line dollars each year by:

- Reducing the time that production crews wait for pipe bedding transfers.
- Reducing the amount of costly wasted or spilled bedding.
- Reduces restoration costs.
- Saving more time for pipe production.

Sizing & Using a Stone Mizer®

Machine Size (lbs.)	Stone Mizer
Up to 35,000	5 cu. yd.
35,000 - 55,000	7.5 cu. yd.
55,000 - 75,000	9 cu. yd.
75,000 - 90,000	10 cu. yd.
90,000 - 120,000	12 cu. yd.
120,000 - 140,000	15 cu. yd.
140,000 - 170,000	20 cu. yd.
170,000 - and up	Custom

- Mizers should hold a minimum of four buckets (large enough to make one complete cut or cycle).
- The inside dimension of the Mizer should be at least 12 in. wider than the excavator bucket.
- Heavy duty designs are recommended for 90,000+ lbs. excavators.
- Special designs are available.

Stone Mizers® are tapered at both ends to facilitate removal of material with an excavator bucket.

Standard Series:

- 1/4 in. plate sides and ends.
- 1/2 in. plate bottom.
- Lift Bar included.
- 24 in. clearance between lift bar and Stone Mizer®.

Heavy Duty Series:

- 3/8 in. plate sides.
- 1/2 in. plate ends and bottom.
- Lift Bar included.
- 24 in. clearance between lift bar and Stone Mizer®.
- Recommended for 90,000+ lb. excavators.

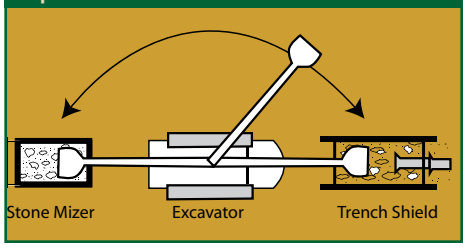
Extended Width Heavy Duty Series:

- Heavy duty construction.
- 3/8 in. plate sides.
- 1/2 in. plate ends and bottom.
- Lift Bar included.
- Substantially wider than standard series.
- Better accommodates excavators with oversized buckets.

Extended Width Severe Duty Series:

- Engineered to be used with larger excavators of 140,000+ lbs.
- Heavy duty construction.
- 1/2 in. plate sides.
- 3/4 in. plate ends and bottom.
- Lift Bar included.

Proper Use of Stone Mizer® with Trench Shield



EFFICIENCY PRODUCTION, INC.
America's Trench Box Builder™
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Stone Mizer®

Bedding Material Containers

Heavy Duty Stone Mizer® 12 cu. yd. (HDSM-12)

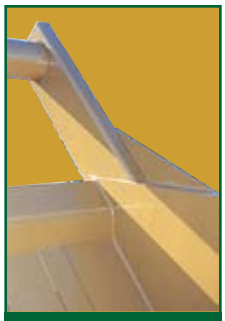
Stone Mizer® 7.5 cu. yd. (SM-7.5)

Stone Mizer® 9 cu. yd. (SM-9)

Model/Capacity (Cu. Yd.)	Size (In.) (Ht. x W x Lg.)	Weight (Lbs.)
SM Standard Stone Mizer® with Lift Bar		
SM-5	36 x 60 x 140	4,210
SM-7.5	48 x 60 x 162	4,820
SM-9	48 x 60 x 186	5,490
SM-10	48 x 60 x 204	6,350
SM-12	48 x 70 x 210	7,040
SM-15	60 x 70 x 216	7,530
HDSM Heavy Duty Stone Mizer® with Lift Bar		
HDSM-5	36 x 60 x 140	5,210
HDSM-7.5	48 x 60 x 162	6,120
HDSM-9	48 x 60 x 186	6,890
HDSM-10	48 x 60 x 204	7,820
HDSM-12	48 x 70 x 210	8,590
HDSM-15	60 x 70 x 216	9,580
HDSM-18	60 x 70 x 252	10,790
HDSM-20	72 x 70 x 252	11,370
EWHD Extended Width Heavy Duty Stone Mizer® with Lift Bar		
SM-EWHD-9	48 x 75 x 157	6,850
SM-EWHD-10	48 x 83 x 158	7,540
SM-EWHD-12	48 x 83 x 181	8,430
SM-EWHD-15	60 x 86 x 188	9,600
SM-EWHD-18	60 x 90½ x 207	10,240
SM-EWHD-20	60 x 90½ x 224	11,070
EWSD Extended Width Severe Duty Stone Mizer® with Lift Bar		
SM-EWSD-15	60 x 86 x 188	12,430
SM-EWSD-18	60 x 90½ x 207	13,390
SM-EWSD-20	60 x 90½ x 224	14,600

Lift Bar End Cap

Pulling Lug



Standard Gusset

Heavy Duty Gusset

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