

Rotating Pulverisers 20-50t / 44,000-110,000lbs

DSP-R

Designed for secondary demolition, our Rotating Pulverisers (standard or Extreme version) can both break up reinforced concrete structures and separate the steel. Up to 20% additional power and fast cycle times are achieved using the patented DemaPower cylinder concept for the Extreme version. Including a 360° rotation.

- ▷ DemaPower achieves optimal speed and power (Extreme version).
- ▷ All teeth and scrapers are exchangeable.
- ▷ Exchangeable ground tooth plate and shrouds.
- ▷ Bearing points are engineered for optimum load handling and reduced wear.
- ▷ Integrated dual action speed valve.
- ▷ Optional: exchangeable cutting blades.
- ▷ Wear parts are exchangeable on site.
- ▷ 360° rotation included.



Pulverisers DSP-R / DSP-R-Extreme

Type	Operating weight (t/lbs)	Weight (kg/lbs)	Closing force* (t/lbs)
DSP-30-R	20 - 35 / 44,000 - 77,000	2,510 / 5,522	80 / 176,000
DSP-30-R-Extreme	20 - 35 / 44,000 - 77,000	2,490 / 5,478	100 / 220,000
DSP-45-R	30 - 50 / 66,000 - 110,000	3,045 / 6,699	110 / 242,000
DSP-45-R-Extreme	30 - 50 / 66,000 - 110,000	3,020 / 6,644	130 / 286,000

*closing force calculated at front tooth

Dimensions

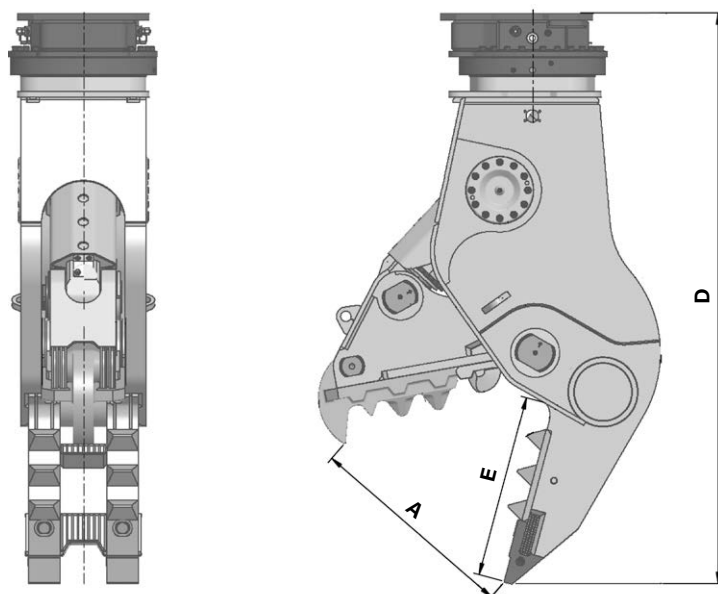
Type	Jaw opening A (mm/in)	Lower jaw width (mm/in)	Upper jaw width (mm/in)	Height D (mm/in)	Jaw depth E (mm/in)	Cutting blades length** (mm/in)
DSP-30-R	885 / 34.8	490 / 19.3	350 / 13.8	2,515 / 99.0	840 / 33.1	200 / 7.9
DSP-30-R-Extreme	885 / 34.8	490 / 19.3	350 / 13.8	2,515 / 99.0	840 / 33.1	200 / 7.9
DSP-45-R	1,015 / 40.0	525 / 20.7	400 / 15.7	2,730 / 107.5	900 / 35.4	200 / 7.9
DSP-45-R-Extreme	1,015 / 40.0	525 / 20.7	400 / 15.7	2,730 / 107.5	900 / 35.4	200 / 7.9

** cutting blades optional, not in standard package

Hydraulics

Type	Open / close		Rotate		Cycle times (open/close) (sec)
	Pressure max. (bar/psi)	Flow (l/min/GPM)	Pressure max. (bar/psi)	Flow (l/min/GPM)	
DSP-30-R	380 / 5,510	150 - max. 250 / 40 - max. 66	140 / 2,030	60 / 16	2.5 / 2.5
DSP-30-R-Extreme	380 / 5,510	150 - max. 250 / 40 - max. 66	140 / 2,030	60 / 16	2.0 / 2.3
DSP-45-R	380 / 5,510	200 - max. 300 / 53 - max. 79.5	140 / 2,030	60 / 16	2.6 / 2.9
DSP-45-R-Extreme	380 / 5,510	200 - max. 300 / 53 - max. 79.5	140 / 2,030	60 / 16	2.0 / 2.9

Technical drawing



DSP-45-R

Rotating Pulverisers up to 65t / 143,000lbs

DSP-R

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- ▷ Exchangeable ground tooth plate and shrouds.
- ▷ Bearing points are engineered for optimum load handling and reduced wear.
- ▷ Integrated dual action speed valve.
- ▷ Optional: exchangeable cutting blades.
- ▷ Wear parts are exchangeable on site.
- ▷ 360° rotation included.



Pulverisers DSP-R / DSP-R-Extreme

Type	Operating weight (t/ lbs)	Weight (kg/lbs)	Closing force* (t/lbs)
DSP-45-R	30 - 50 / 66,000 - 110,000	3,045 / 6,699	110 / 242,000
DSP-45-R-Extreme	30 - 50 / 66,000 - 110,000	3,020 / 6,644	130 / 286,000
DSP-60-R-Extreme	42 - 65 / 92,400 - 143,000	4,075 / 8,965	150 / 330,000

*closing force calculated at front tooth

Dimensions

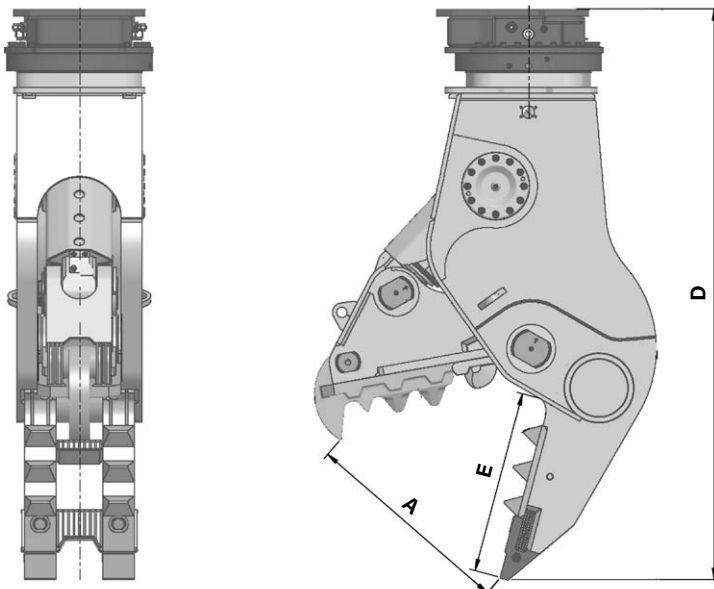
Type	Jaw opening A (mm/in)	Lower jaw width (mm/in)	Upper jaw width (mm/in)	Height D (mm/in)	jaw depth E (mm/in)	Cutting blades length** (mm/in)
DSP-45-R	1,015 / 40.4	525 / 20.7	400 / 15.7	2,730 / 107.5	900 / 35.4	200 / 7.9
DSP-45-R-Extreme	1,015 / 40.4	525 / 20.7	400 / 15.7	2,730 / 107.5	900 / 35.4	200 / 7.9
DSP-60-R-Extreme	1,135 / 44.7	565 / 22.2	450 / 17.7	3,005 / 118.3	1,000 / 39.4	250 / 9.8

** cutting blades optional, not in standard package

Hydraulics

Type	Pressure max. (bar/psi)	Open / close		Rotate		Cycle times (open/close) (sec)
		Flow (l/min/GPM)		Pressure max. (bar/psi)	Flow (l/min/GPM)	
DSP-45-R	380 / 5,510	200 - max. 300 / 53.0 - max. 79.5		140 / 2,030	60 / 16.0	2.6 / 2.9
DSP-45-R-Extreme	380 / 5,510	200 - max. 300 / 53.0 - max. 79.5		140 / 2,030	60 / 16.0	2.0 / 2.9
DSP-60-R-Extreme	380 / 5,510	300 - max. 400 / 79.5 - max. 105.0		140 / 2,030	60 / 16.0	2.0 / 2.8

Technical drawing



DSP-R