Rotating Pulverisers 20-50t / *44,000-110,000lbs* DSP-R-*Extreme*

Designed for secondary demolition, our Rotating Pulverisers 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. Including a 360° rotation.

- **DemaPower achieves optimal speed and power**.
- 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.

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Pulverisers DSP-R-*Extreme*

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

*closing force calculated at front tooth

Dimensions

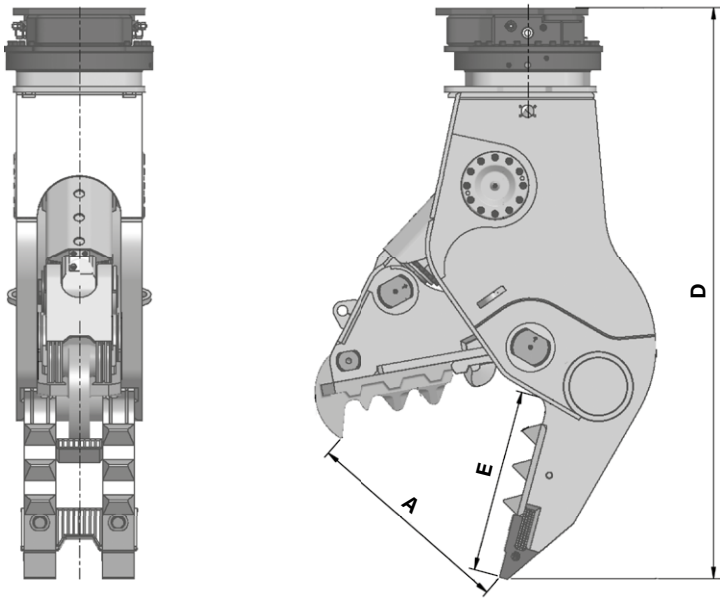
Type	Jaw opening A (mm/in)	Lower jaw width (mm/in)	Upper jaw width (mm/in)	Height D (mm/in)	Jaw depth E (mm/in)	Cutting blades length** (mm/in)
DSP-30-R-Extreme	885 / 34.8	490 / 19.3	350 / 13.8	2,515 / 99.0	840 / 33.1	200 / 7.9
DSP-45-R-Extreme	1,015 / 40.0	525 / 20.7	400 / 15.7	2,730 / 107.5	900 / 35.4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

** cutting blades optional, not in standard package

Hydraulics

Type	Open / close		Rotate		Cycle times (open/close)
	Pressure max. (bar/psi)	Flow (l/min/GPM)	Pressure max. (bar/psi)	Flow (l/min/GPM)	(sec)
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-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

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Rotating Pulverisers up to 65t / *143,000lbs* DSP-R-*Extreme*

Designed for secondary demolition, our Rotating Pulverisers 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. Inlcuding a 360° rotation.

- **DemaPower achieves optimal speed and power**.
- 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-*Extreme*

Type	Operating weight (t/ lbs)	Weight (kg/lbs)	Closing force* (t/lbs)
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

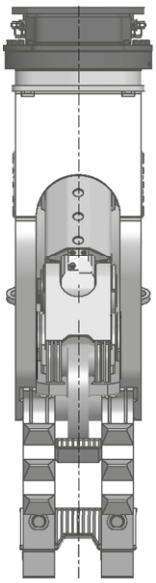
Type	Jaw opening A (mm/in)	Lower jaw width (mm/in)	Upper jaw width (mm/in)	Height D (mm/in)	jaw depth E (mm/in)	Cutting blades length** (mm/in)
DSP-45-R-*Extreme*	1,015 / 40.4	525 / 20.7	400 / 15.7	2,730 / 107.5	900 / 35.4	200 / 7.9
DSP-60-R-*Extreme*	1,135 / 44.7	565 / 22.2	450 / 17.7	3,005 / 118.3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

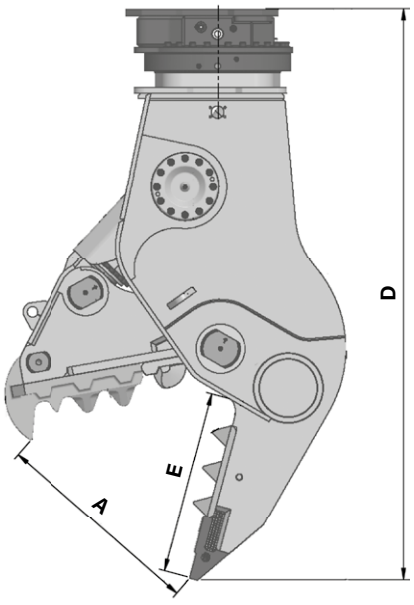
** cutting blades optional, not in standard package

Hydraulics

Type	Open / close		Rotate		Cycle times (open/close)
	Pressure max. (bar/psi)	Flow (l/min/GPM)	Pressure max. (bar/psi)	Flow (l/min/GPM)	(sec)
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

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