

# Static Pulverisers 20-50t / 44,000-110,000lbs

# DSP

Designed for secondary demolition, our Static 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.

- ▷ 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.



## Pulverisers DSP / DSP-Extreme

Type	Operating weight (t/lbs)	Weight (kg/lbs)	Closing force* (t/lbs)
DSP-30	20 - 35 / 44,000 - 77,000	2,135 / 4,697	80 / 176,000
DSP-30-Extreme	20 - 35 / 44,000 - 77,000	2,115 / 4,653	100 / 220,000
DSP-45	30 - 50 / 66,000 - 110,000	2,670 / 5,874	110 / 242,000
DSP-45-Extreme	30 - 50 / 66,000 - 110,000	2,645 / 5,819	130 / 286,000

\*closing force calculated at front tooth

## Dimensions

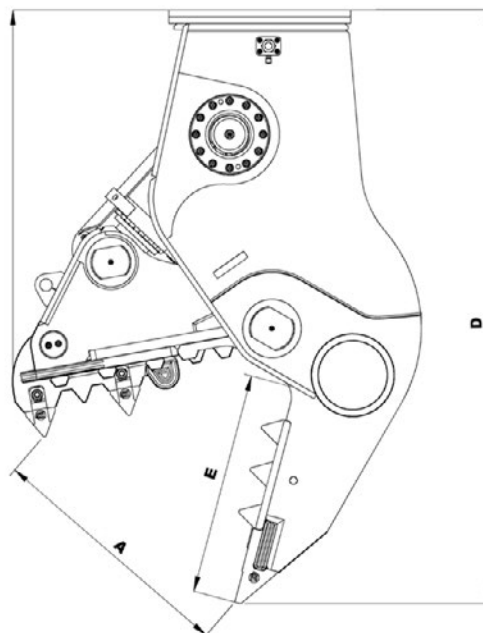
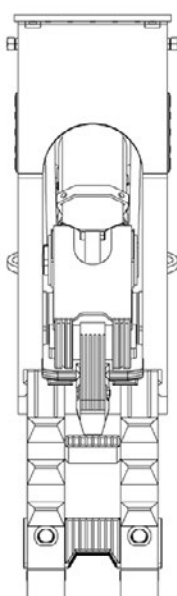
Type	Jaw opening A (mm/in)	Lower jaw width (mm/in)	Upper jaw width (mm/in)	Height D (mm/in)	Jaw depth E (mm/in)	Cutting blades length** (mm/in)
DSP-30	885 / 34.8	490 / 19.3	350 / 13.8	2,145 / 84.4	840 / 33.1	200 / 7.9
DSP-30-Extreme	885 / 34.8	490 / 19.3	350 / 13.8	2,145 / 84.4	840 / 33.1	200 / 7.9
DSP-45	1,015 / 40	525 / 20.7	400 / 15.7	2,360 / 92.9	900 / 35.4	200 / 7.9
DSP-45-Extreme	1,015 / 40	525 / 20.7	400 / 15.7	2,360 / 92.9	900 / 35.4	200 / 7.9

\*\* cutting blades optional, not in standard package

## Hydraulics

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

## Technical drawing



DSP-30-Extreme

# Static Pulverisers up to 65t / 143,000lbs

# DSP

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- ▷ 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.



## Pulverisers DSP / DSP-Extreme

Type	Operating weight (t/lbs)	Weight (kg/lbs)	Closing force* (t/lbs)
DSP-45	30 - 50 / 66,000 - 110,000	2,670 / 5,874	110 / 242,000
DSP-45-Extreme	30 - 50 / 66,000 - 110,000	2,645 / 5,819	130 / 286,000
DSP-60-Extreme	42 - 65 / 92,400 - 143,000	3,525 / 7,755	150 / 330,000

\*closing force calculated at front tooth

## Dimensions

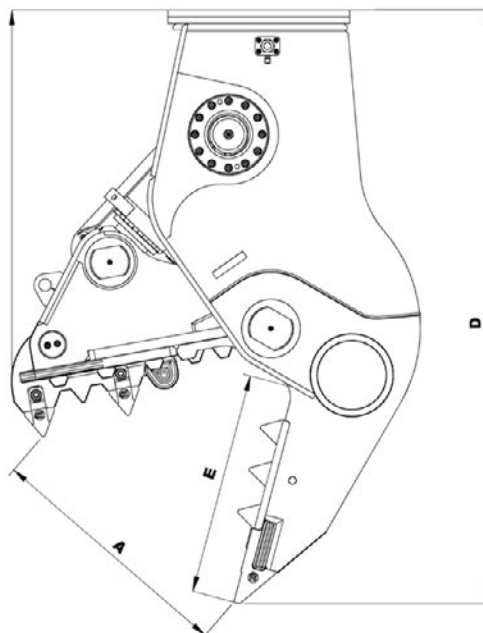
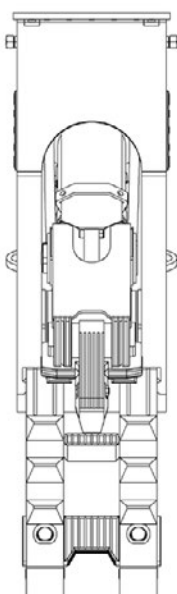
Type	Jaw opening A (mm/in)	Lower jaw width (mm/in)	Upper jaw width (mm/in)	Height D (mm/in)	jaw depth E (mm/in)	Cutting blades length** (mm/in)
DSP-45	1,015 / 40	525 / 20.7	400 / 15.7	2,360 / 92.9	900 / 35.4	200 / 7.9
DSP-45-Extreme	1,015 / 40	525 / 20.7	400 / 15.7	2,360 / 92.9	900 / 35.4	200 / 7.9
DSP-60-Extreme	1,135 / 44.7	565 / 22.2	450 / 17.7	2,635 / 103.7	1,000 / 39.4	250 / 9.8

\*\* cutting blades optional, not in standard package

## Hydraulics

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

## Technical drawing



DSP-Extreme