

# Pullers

## HYDRAULIC & MECHANICAL

### Mechanical Pullers

- A large variety of mechanical 2/3 jaw pullers from 1-25 ton with accessories to suit.
- Grip-O-Matic feature on all pullers - the harder the pulling force, the tighter the jaw grip for secure holding force.
- Forged from high quality steel and heat to ensure ultimate strength.
- Ideal for removing gears, bearings and a range of other press fitted parts.
- Two speed design reduces handle stroked enabling faster and easier work.



### Hydraulic Pullers

- Hydraulic puller ranging from 5 Ton up to the 100 Ton Enforcer.
- Removes gears, bearing and other press fitted parts the speed and ease.
- Hydraulic cylinder of all models can be detached for use with pump in other hydraulic applications.
- Rail Journal puller/ installer available.



Rail Journal Puller



Enforcer

# Air Bags

## 8Bar/ 116PSI

### Vetter Air Bags

- Vetter High Pressure Airbags range in lifting capacities from 1-68 Tons
- Insertion height of 25mm across the range and maximum lifting height of 520mm
- Noiseless, jolt free, precisely controlled lifting achieved from safe distance
- Applications include lifting, pushing, pressing, prising and splitting



	V1	V3	V5	V6	V10	V12	V18	V20	V24	V24L	V31	V31L	V40	V54	V68
Lifting Power (Ton)	1	3.29	5.7	6.36	9.6	12	17.7	19.4	24	24	31.4	35.8	39.6	54.4	67.7
Lifting height, max (cm)	7.5	12	14.5	16.5	20.3	20	27	28	30.6	20.1	37	31	40.2	47.8	52
Insertion height (cm) (uninflated)	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.8	2.8
Size (cm)	14 x 13	25.5 x 20	28 x 28	29.5 x 29.5	37 x 37	32 x 52	47 x 52	48 x 58	52 x 62	31 x 102	65 x 69	43 x 115	78 x 69	86 x 86	95 x 95
Working pressure (bar)	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Test pressure (bar)	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Bursting pressure, min (bar)	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
Air requirement at 8 bar (L)	2.7	15.8	28.4	39.6	82.8	96.3	195.3	224.1	296.1	211.5	517.5	349.4	675	1117.8	1457.1
Nominal Content (L)	0.3	1.75	3.16	4.4	9.2	10.7	21.7	24.9	32.9	23.5	57.5	38.8	75	124.2	161.9
Inflation time (sec)	0.5	1	1.3	1.4	5	6	11	14	18	13	31	35	41	68	88
Weight (kg)	0.44	1.1	1.7	1.95	3	3.6	5.3	5.8	6.7	6.3	9.5	10.1	11.4	16.2	19.5