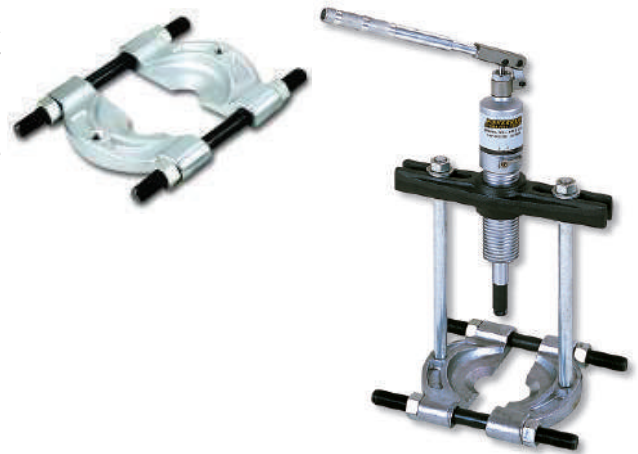


## Powerram Cross Bearing Pullers

- For fast and efficient removal of the most hard-to-grip components.
- Self-contained hydraulic pump and puller body with integral safety valve.
- Spring loaded live centering nut for easy job (removable).
- Impact set including the bearing attachment for convenient and safe pulling.



Model	Set Excluding Hyd. Pump	Cap. ton	Max Reach (mm)	Spread Min - Max(mm)	Wt (kg)
PM 410	P412	4	224	Ø 100 - 145	6.5
PM 610	P612	6	255	Ø 115 - 220	10.5
PM 810	P812	8	255	Ø 110 - 230	10.5
PM 1210	P1212	12	298	Ø 140 - 310	11.5

## Powerram Tri-Section Plates

- The plates grip behind the inner and outer rings of the bearing, preventing the pulling force from being transmitted through the moving parts, minimizing the risk of bearing damage.
- The Tri-section plate's unique design ensures the application of force at the most efficient point - the inner ring and outer ring together - and thereby requires less force for removal than required if only pulling on the outer ring.
- The firm grip behind a bearings inner and outer rings ensures that the pulling forces are not transmitted through the moving parts, preventing damage to the bearing.



Model	Cap. ton	Shaft Dia (mm)	Max. spread (mm)	Wt (kg)
ET 3 - 160	6	26 - 160	216	3.5
ET 3 - 210	8	50 - 210	280	5.5
ET 3 - 340	20	90 - 340	460	18
ET 3 - 495	30	140 - 495	660	45

## Powerram Tri-Section Pullers

- The set including Tri-section plate for convenient and safe pulling job.
- Wedge-shaped edge allows removal of the most hard to grip components.
- The firm grip behind bearing's inner & outer rings ensures the pulling force not to be transmitted through the rolling parts.
- The tri-section plates design creates the most even force distribution and the maximizing spread.

Model	Cap. ton	Max Reach (mm)	Spread Min - Max(mm)	Optional Pump Body	Overall Width (mm)	Wt (kg)
P3142	4	211	30 - 160	PM401	240	20
P3612	6	243	50 - 210	PM601	285	30
P3812	8	243	50 - 270	PM801	460	34
P31212	10	284	90 - 340	PM1201	660	68

