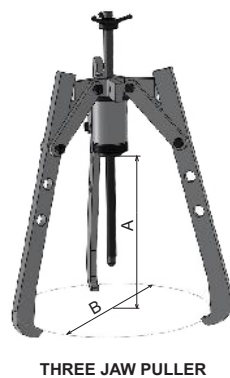
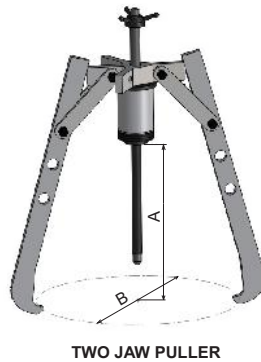


Hydraulic Puller Attachments

Max. Working Pressure 700 bar

Jaw Puller Attachment

Capacity 10 - 100 ton



Warning

Do not exceed 50% of cylinder capacity when using two jaw puller attachment.



Features / Application

- Two and three jaw design
- High strength drop forged steel jaws
- Jaws with adjustable reach and spread
- Maintenance of workshop equipment. Removal of wheels, pulleys, gears, sleeves and other press fit assemblies



OPA Series - **O** Orione **P** Puller **A** Attachment **10** Capacity - ton
2 No. of Jaws **J** Jaw **P** Puller

Model	No. of jaws	Capacity (ton)	Cylinder Model	Stroke (mm)	Reach A (mm)	Spread B (mm)
OPA 10 2JP	2	10	OSH 10-100	100	295	395
OPA 10 3JP	3	10	OSH 10-100	100	295	395
OPA 20 2JP	2	20	OSH 20-100	100	260	425
OPA 20 3JP	3	20	OSH 20-100	100	260	425
OPA 30 2JP	2	30	OSH 30-100	100	380	610
OPA 30 3JP	3	30	OSH 30-100	100	380	610
OPA 50 2JP	2	50	OSH 50-100	100	750	855
OPA 50 3JP	3	50	OSH 50-100	100	750	855
OPA100 2JP	2	100	ODH 100-100	100	1040	1230
OPA100 3JP	3	100	ODH 100-100	100	1040	1230

Push Puller Attachment

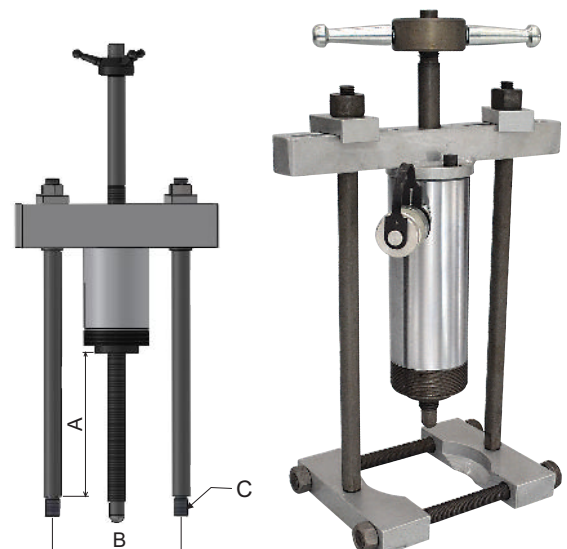
Capacity 10 - 50 ton

Features / Application

- High strength tie rods
- Maintenance of workshop equipment. Removal of wheels, pulleys, gears, sleeves and other press fit assemblies

OPA Series - **O** Orione **P** Puller **A** Attachment **10** Capacity - ton
H Hydraulic **P** Push **P** Puller

Model	Capacity (ton)	Cylinder Model	Stroke (mm)	Reach 'A' (mm)			Spread 'B' (mm)		End threads C (mm)
				Short	Medium	Long	Min.	Max.	
OPA 10 HPP	10	OSH 10-100	100	-	120	220	105	260	M16x2P
OPA 20 HPP	20	OSH 20-100	100	70	240	360	150	320	M16x2P
OPA 30 HPP	30	OSH 30-100	100	-	230	485	160	410	M24x1.5P
OPA 50 HPP	50	OSH 50-100	100	-	335	585	190	410	M32x2P



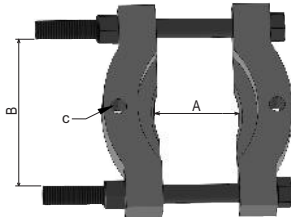
- Higher capacity and customized solutions on request. Specifications are subject to change due to continual improvement.
- Capacity and Stroke specified are maximum safe limits. As safe practice, use at 80% of rating.

Hydraulic Puller Attachments

Max. Working Pressure 700 bar

Bearing Puller Attachment

Capacity 10 - 50 ton



Features / Application

- Knife edge gripping
- Adjustable spread by means of tie rod
- High strength forged steel construction
- Used for removal of bearing from shaft assemblies having less clearance, with push puller attachment

OPA Series - **O** Orione **P** Puller **A** Attachment **10** Capacity - ton
H Hydraulic **B** Bearing **P** Puller

Model	Capacity (ton)	'A' (mm)		B (mm)	Tap C (mm)
		Min.	Max.		
OPA 10 HBP	10	45	140	112	M16x2P
OPA 20 HBP	20	68	185	150	M16x2P
OPA 30 HBP	30	45	275	245	M24x1.5P
OPA 50 HBP	50	65	270	328	M32x2P



Warning

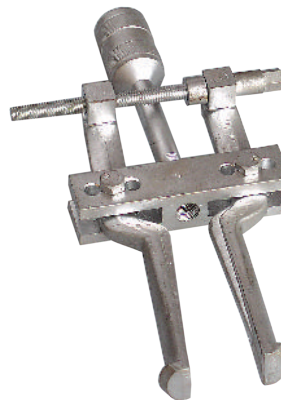
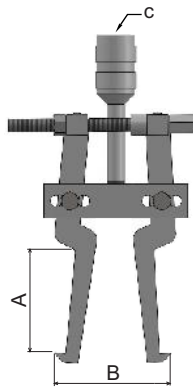
Do not exceed 50% of cylinder capacity when using bearing puller attachment.

Internal Puller Attachment

Capacity 10 - 30 ton

Features / Application

- Adjustable gap with turn buckle mechanism
- High strength forged steel construction
- Maintenance of workshop equipment. Finds special use in removal of bearing outer races, bushes, press fitted in housing



OPA Series - **O** Orione **P** Puller **A** Attachment **10** Capacity - ton
H Hydraulic **I** Internal **P** Puller

Model	Capacity (ton)	'A' (mm)	'B' (mm)		Tap 'C' (mm)
			Min.	Max.	
OPA 10 HIP	10	100	50	150	M20x2.5P
OPA 20 HIP	20	100	50	150	M27x3P
OPA 30 HIP	30	105	75	225	M33x3P



Warning

Do not exceed 25% of cylinder capacity when using internal puller attachment.

Hollow Jacks - Plain Ram, Single / Double Acting (OSH / ODH Series)



Jacks and Pumps supplied along with Puller attachments			
Capacity (ton)	Stroke (mm)	Model	Suitable pump
10	100	OSH 10-100	OHP-1P4-2-1.4
20	100	OSH 20-100	OHP-1P4-2-1.4
30	100	OSH 30-100	OHP-1P4-2-1.4
50	100	OSH 50-100	OHP-2P4-2-5
100	100	ODH 100-100	OHP-2P4-2-5-E

- Higher capacity and customized solutions on request. ■ Specifications are subject to change due to continual improvement.
- Capacity and Stroke specified are maximum safe limits. As safe practice, use at 80% of rating.