

FEATURES



- Fitments of Pins & bushes in assembly line.
- Maintenance of heavy duty pin joints in earth moving equipment on site / workshop.
- Customised tool kits on request.
- Hand pump / motorized power pack (optional).
- Box for storage.

ALLOY STEEL & ALUMINIUM CYLINDER PIN & BUSH REPLACEMENT TOOL

ART & AART SERIES

Capacity: 30 & 50 TON
Stroke: 50-100 mm
700 Bar (10,000 psi)



Tool Kit	30 ton	50 ton
Pull Rod with nuts	M33 x 1000 mm - 1 No.	M39 x 1000 mm - 1 No.
Threaded Adaptor	M24 (ext.) x M33 (int.) - 1 No. M30 (ext.) x M33 (int.) - 1 No.	M30 (ext.) x M39 (int.) - 1 No. -
'C' Sleeve	115 mm x 145 mm - 2 Nos.	175 mm x 145 mm - 2 Nos.
Locator	1 No.	1 No.

* Use 30t Sleeve with locator

Model	Rated capacity (ton)	Capacity @ 700 bar (kN)	Stroke (mm)	Jack Model	Wt. Jack+Tool (Approx.) (kg)	Suitable Pumping Unit	
						Hand pump	Power pack (Optional)
ART 30-50	30	298	50	ASH 30-50	31	P-123	APE-3000
ART 50-100	50	550	100	ASH 50-100	57	P-123	APE-3000
AART 30-50	30	298	50	AASH 30-50	25	P-123	APE-3000
AART 50-100	50	550	100	AASH 50-100	48	P-123	APE-3000

Pumping Unit Specification

Model	Cylinder Type	Speed	Usable Oil Volume (cm ³)	Pressure rating		Oil output per stroke		Handle Force (Kg)	Output Oil Thread (in)	Weight (Kg)
				1 st Stage	2 nd Stage	1 st Stage	2 nd Stage			
				(psi)	(psi)	(cm ³)	(cm ³)			
P-109	Single Acting	TWO	737.4	360	10,000	33.4	3.3	49	3/8-18NPT	7.28
P-123			2294.1							10.07

- 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.