

2 & 3 Grip Jaw Hydraulic Puller Sets

UEG Series – Standard Jaw Puller

UEZ Series – Self-Aligning Jaw Puller

Capacity:

10 – 20 – 30 – 50 tonnes

Maximum Reach:

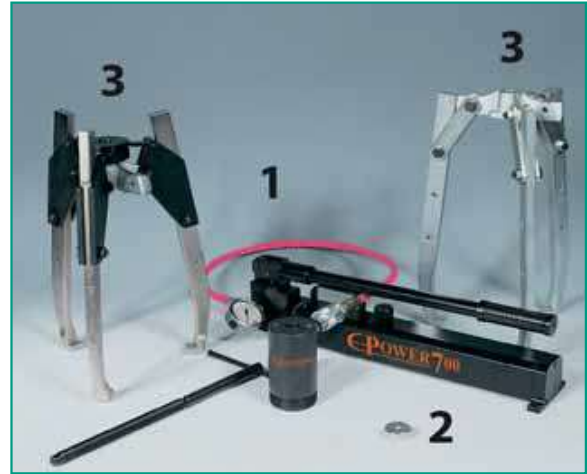
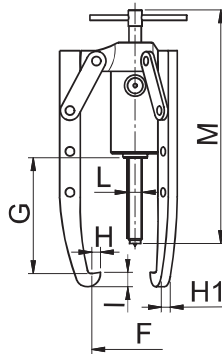
268 – 731 mm

Maximum Spread:

250 – 920 mm

Maximum Operating Pressure:

(Refer Data Charts)



SELECTION CHART FOR STANDARD (UEG) AND SELF ALIGNING TYPE (UEZ) JAW PULLERS

			MODEL			
Description		Cap - Tonnes:	10	20	30	50
		Standard:	UEG10	UEG20	UEG30	UEG50
		Self-Aligning:	UEZ10	UEZ20	UEZ30	UEZ50
HYDRAULICS UEU#		* Pos.				
Hand Pump		1	PN131	PN141	PN141	PN162
Cylinder			CMF10N50E	CMF20N50E	CMF30N50E	CMF60N75E
Hose			SN20M	SN20M	SN20M	SN20M
Pressure Gauge			G106L	G106L	G106L	G106L
Max. Operating Pressure		-	560 bar - 3 Jaw (375 bar - 2 Jaw)	600 bar - 3 Jaw (400 bar - 2 Jaw)	615 bar - 3 Jaw (405 bar - 2 Jaw)	580 bar - 3 Jaw (390 bar - 2 Jaw)
MECHANICAL PARTS	UEG#M					
	UEZ#M	* Pos.				
Protection Saddle		2	UETS10	UETS20	UETS30	UETS50
Number of Jaws		3	* 2/3	2 & 3	2 & 3	2 & 3
Minimum Spread (mm)		F	50	70	90	120
Maximum Spread (mm)			250	480	580	920
Maximum Reach (mm)		G	268	335	425	731
Jaw Width (mm)		H	14	18	25	30
Jaw Depth (mm)		H1	15	20	22	25
Jaw Thickness (mm)		I	25	32	42	50
Adjusting Screw Thread		L	3/4" - 16 UNF	1" - 8 UNC	1 1/4" - 7 UNC	1 5/8" - 5,5 UNC
Adjusting Screw Length		M	400	670	790	975
Weight 2/3 Jaw		kg	12	22/27	36/45	85/103

* Pos.: Position as shown on illustrated picture & jaw puller drawings.

* Universal crosshead for UEG Puller



The jaw puller **UEZ** is fitted with a self aligning mechanical device to synchronise closing of the jaws on the workpiece so that precise positioning can be obtained.



Each puller component has a different **operating pressure** which must never be exceeded. Please refer to data charts.



PULLERS and EXTRACTORS

UE Series



FEATURES

Pullers & Extractors consist of 2 parts:-

- **Mechanical:** - Manufactured in high quality steel to ensure reliability and long life.
- **Hydraulics:** - Consisting of a 'PN' Series hand pump, a hollow piston cylinder from the 'CMF' Series range with 'ZTE' threaded hollow saddle, a SN20M 1,8m long hose assembly and a G106L pressure gauge.

'UE' Series range available in 4 tonnage capacities (10 – 20 – 30 – 50) and in 3 configurations:-

- **'UEC' Series** – Complete Hydraulic Puller Set consisting all mechanical and hydraulic components.
Eg. UEC20 – 20 tonnes capacity complete hydraulic puller set (Comes with standard jaw puller ('UEG')).
- **'UEG' Series** – Hydraulic Grip Jaw Puller Set consisting of a 2 & 3 grip jaw puller and hydraulic components.
Eg. UEG20 – 20 tonnes capacity hydraulic grip jaw puller set.
- **'UET' Series** – Hydraulic Press Puller Set consisting of a press puller, an internal puller ('UEI'), an external puller ('UEE') and hydraulic components.
Eg. UET20 – 20 tonnes capacity hydraulic press puller set.

Available Option

- **Self-aligning 3-jaw puller ('UEZ' Series)** is available for more precise and easy positioning on the workpiece.
Eg. UEZ20 – 20 tonnes capacity hydraulic self-aligning 3-jaw puller set.

Complete Hydraulic Puller Set can be ordered with self-aligning 3-jaw puller.
Eg. UEC20Z – 20 tonnes capacity complete hydraulic puller set with self-aligning 3-jaw puller ('UEZ').



Application

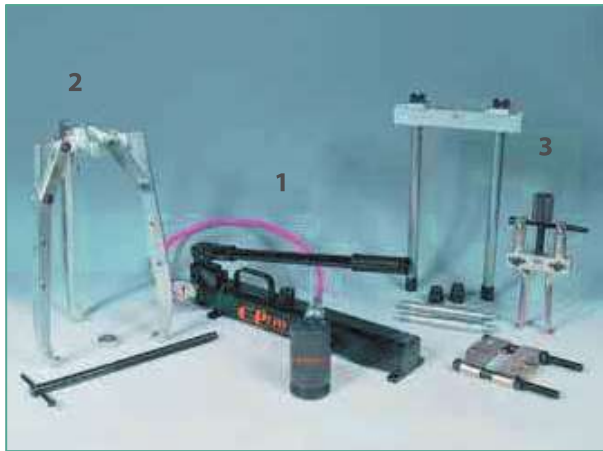
- Extracting gears, bearings, couplers, bushings etc.
- A correct assessment of the item to be extracted as well as the force required is essential for correct selection of the puller component



Each puller component has a different **operating pressure** which must never be exceeded. Please refer to data charts.
The safety regulations laid down in the operating and maintenance manual must be observed at all times.

Complete Hydraulic Puller Sets

UEC Series



Capacity:

10 – 20 – 30 – 50 tonnes

Maximum Operating Pressure:
(Refer Data Charts)



SELECTION CHART FOR COMPLETE PULLERS

		MODEL			
Capacity – Tonnes:		10	20	30	50
Description		UEC10	UEC20	UEC30	UEC50
HYDRAULICS UEU#	* Pos.				
Hand Pump	1	PN131	PN141	PN141	PN162
Cylinder		CMF10N50E	CMF20N50E	CMF30N50E	CMF60N75E
Hose		SN20M	SN20M	SN20M	SN20M
Pressure Gauge		G106L	G106L	G106L	G106L
Max. Operating Pressure	-	Refer to the data charts showing capacity of each mechanical component			
MECHANICAL PARTS UEC#M	* Pos.				
Jaw Pullers	2	UEG10M	UEG20M	UEG30M	UEG50M
Press, Internal & External Puller	3	UET10M	UET20M	UET30M	UET50M

* Pos. : Position as shown on illustrated picture.

Complete hydraulic puller set can be ordered with self-aligning 3-jaw puller.

Model: **UEC#Z** (where # refers to tonnage capacity).



Each puller component has a different **operating pressure** which must never be exceeded. Please refer to data charts.

ACCESSORIES: CARRY CASE UEB



MODEL	Carry Case For	Note
UEB10	UEC10	-
UEB20	UEC20	
UEB30	UEC30	Consisting of UEB10 + UEB20