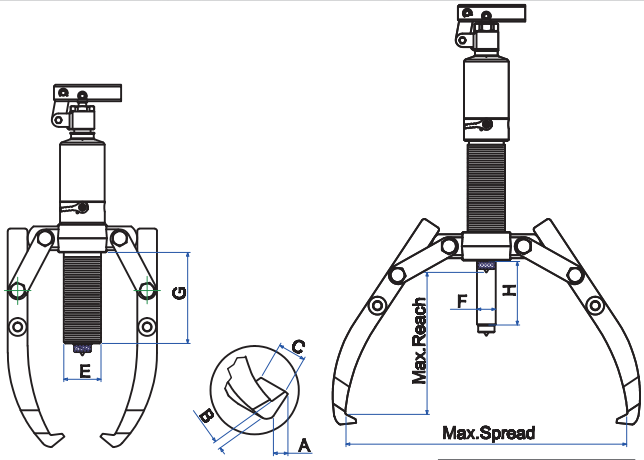
HYDRAULIC PULLERS



FEATURES:

1. Four stages of foldable & removable handle saves the handle force during operation.
2. 360° Rotary Socket.
3. Self-contained hydraulic pump and puller body with integral safety valve.
4. Heat treated & chrome plated hydraulic cylinder rod provides linear force.
5. Easily release valve.
6. Spring loaded live centering nut for easy job (removable).
7. 2/3 jaws combination puller cross head with manganous-phosphate plated for rust proof and durability.
8. Heat treated forged alloy steel cross bolts & jaws with manganous-phosphate plated for rust proof and long life service.
9. Patended design of two stages stroking for PM2000 & PM3000, the first stage being as fast stroking for quickly connecting with object, and the second stage being as high hydraulic output for pulling job.
10. Extension rods allow the user to extend the stroke according to the needs.



Optional longer Jaw
Part No.C0948 for PM400
Part No.C0949 for PM600
Part No.C0950 for PM800
Part No.C0951 for PM1200
Part No.C0960 for PM2000
Part No.C0961 for PM3000



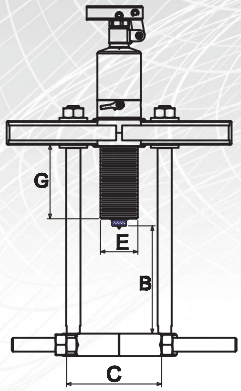
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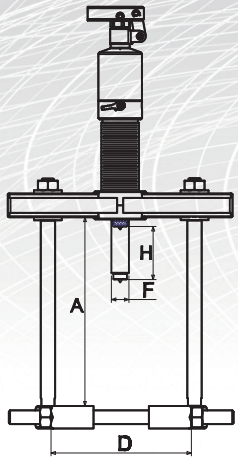
Capacity	Model No.	Reach (Max. mm)	Spread (Max. mm)	Stroke (mm)	Pump Tip (mm)			Jaw Tip (mm)			Weight (kg)
				H	E	F	G	A	B	C	
4 Ton	PM400	185	255	60	42	22	84	11	6	22	4.5
6 Ton	PM600	220	330	70	45	23	94	13	10	22	5.5
8 Ton	PM800	230	350	85	50	25	122	11	10	25	6.5
12 Ton	PM1200	270	375	85	60	28	118	14	10	29	8.0
20 Ton	PM2000	360	520	111	80	40	160	20	27	33	22
30 Ton	PM3000	360	550	111	98	50	155	20	27	38	32

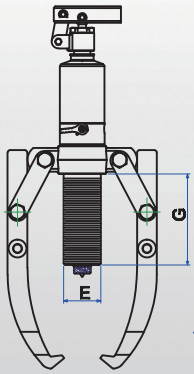
HYDRAULIC PULLERS-PACKAGE MODELS

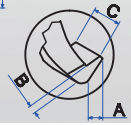


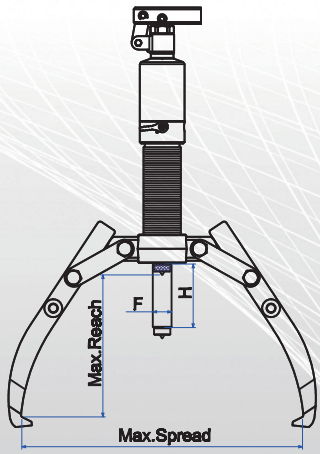












FEATURES:

1. Four stages of foldable & removable handle saves the handle force during operation.
2. 360° Rotary Socket.
3. Self-contained hydraulic pump and puller body with integral safety valve.
4. Heat treated & chrome plated hydraulic cylinder rod provides linear force.
5. Easily release valve.
6. Spring loaded live centering nut for easy job (removable).
7. 2 jaws puller cross head with manganous-phoosphate plated for rust proof and duraility.
8. Heat treated,chrome plated & alloy steel stud for rust proof and free reach.
9. Impact set including available size of bearing attachment for great and safety job.



- One complete set with two kinds of puller for user's convenience always.

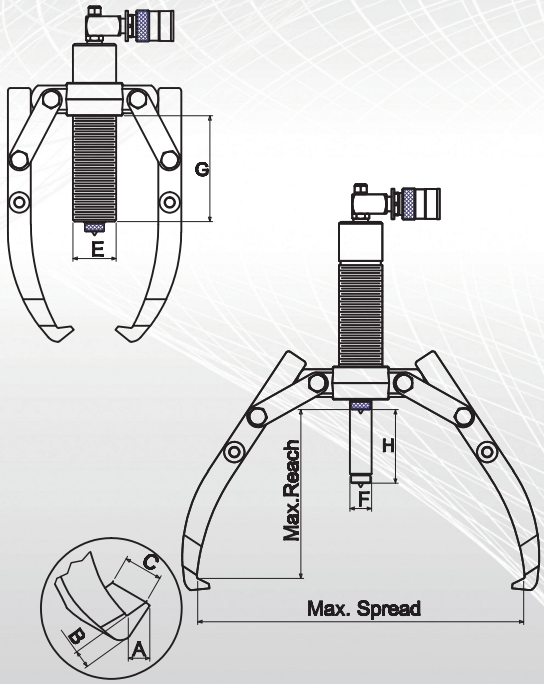
TECHNICAL DATA

Capacity	Model No.	Reach (Max. mm)	Spread (Max. mm)		Stroke (mm)	Pump Tip (mm)			Jaw Tip (mm)			Weight (kg)
			C	D	H	E	F	G	A	B	C	
4 Ton	PM420	185/250	55	255/110	60	42	22	84	11	6	22	4.5/8.5
6 Ton	PM620	220/270	95	330/180	70	45	23	94	13	10	22	5.5/11.5
8 Ton	PM820	230/270	95	350/220	85	50	25	122	11	10	25	6.5/12.6
12 Ton	PM1220	270/380	225	375/290	85	60	28	118	14	10	29	8.0/18.0

SEPARATE HYDRAULIC PULLERS

Capacity: 4 - 30 Tons
Max. Spread: 255 - 550 mm
Max. Reach: 185 - 360 mm
Steel Hand Pump: Max. Working Pressure
700 bar / 10,000 psi

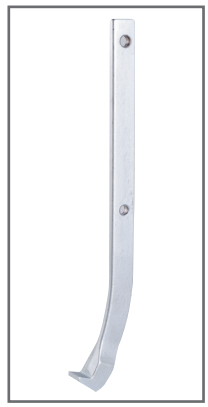




FEATURES:

1. Heat treated & chrome plated hydraulic cylinder rod provides linear force.
2. Easily release valve.
3. Spring loaded live centering nut for easy job (removable).
4. 2/3 jaws combination puller cross head with manganous-phosphate plated for rust proof and durability.
5. Heat treated forged alloy steel cross bolts & jaws with manganous-phosphate plated for rust proof and long life service.
6. The hydraulic pump equipped with the safety valve and pressure gauge is designed to prevent the overload to the puller and prevents any injury and damage to the user and/or the tools.

Optional longer Jaw
Part No.C0948 for PM400
Part No.C0949 for PM600
Part No.C0950 for PM800
Part No.C0951 for PM1200
Part No.C0960 for PM2000
Part No.C0961 for PM3000



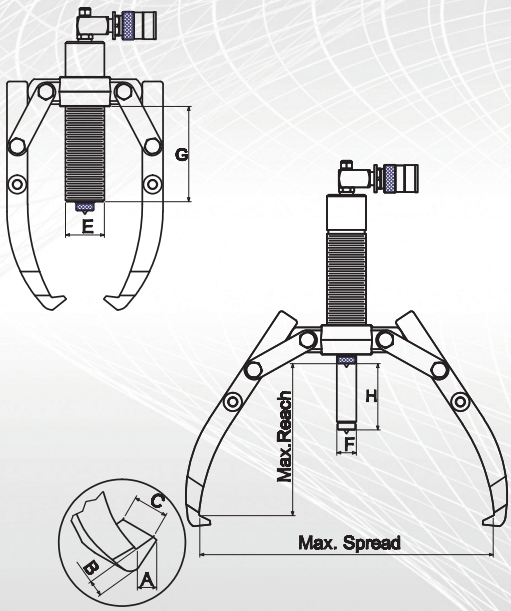
TECHNICAL DATA

Capacity	Model No.	Reach (Max. mm)	Spread (Max. mm)	Stroke (mm)	Pump Tip (mm)			Jaw Tip (mm)			Weight (kg)
				H	E	F	G	A	B	C	
4 Ton	PR400	185	255	60	42	22	84	11	6	22	9.5
8 Ton	PR800	230	350	85	50	25	122	11	10	25	11.5
12 Ton	PR1200	270	375	85	60	28	118	14	10	29	14.0
20 Ton	PR2000	360	520	111	80	40	161	20	27	33	20
30 Ton	PR3000	360	550	111	98	50	155	20	27	38	30

JACKRAM HYDRAULIC EQUIPMENT®

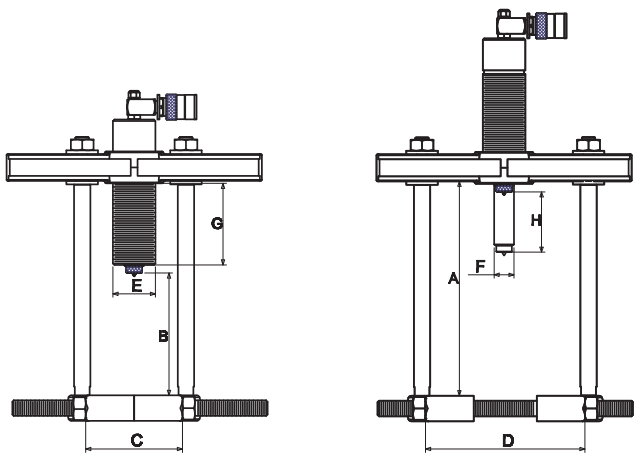
SEPARATE HYDRAULIC PULLERS-PACKAGE MODELS





FEATURES:

1. Heat treated & chrome plated hydraulic cylinder rod provides linear force.
2. Easily release valve.
3. Spring loaded live centering nut for easy job (removable).
4. 2 jaws puller cross head with manganous-phoosphate plated for rust proof and duraility.
5. Heat treated,chrome plated & alloy steel stud for rust proof and free reach.
6. Impact set including available size of bearing attachment for great and safety job.

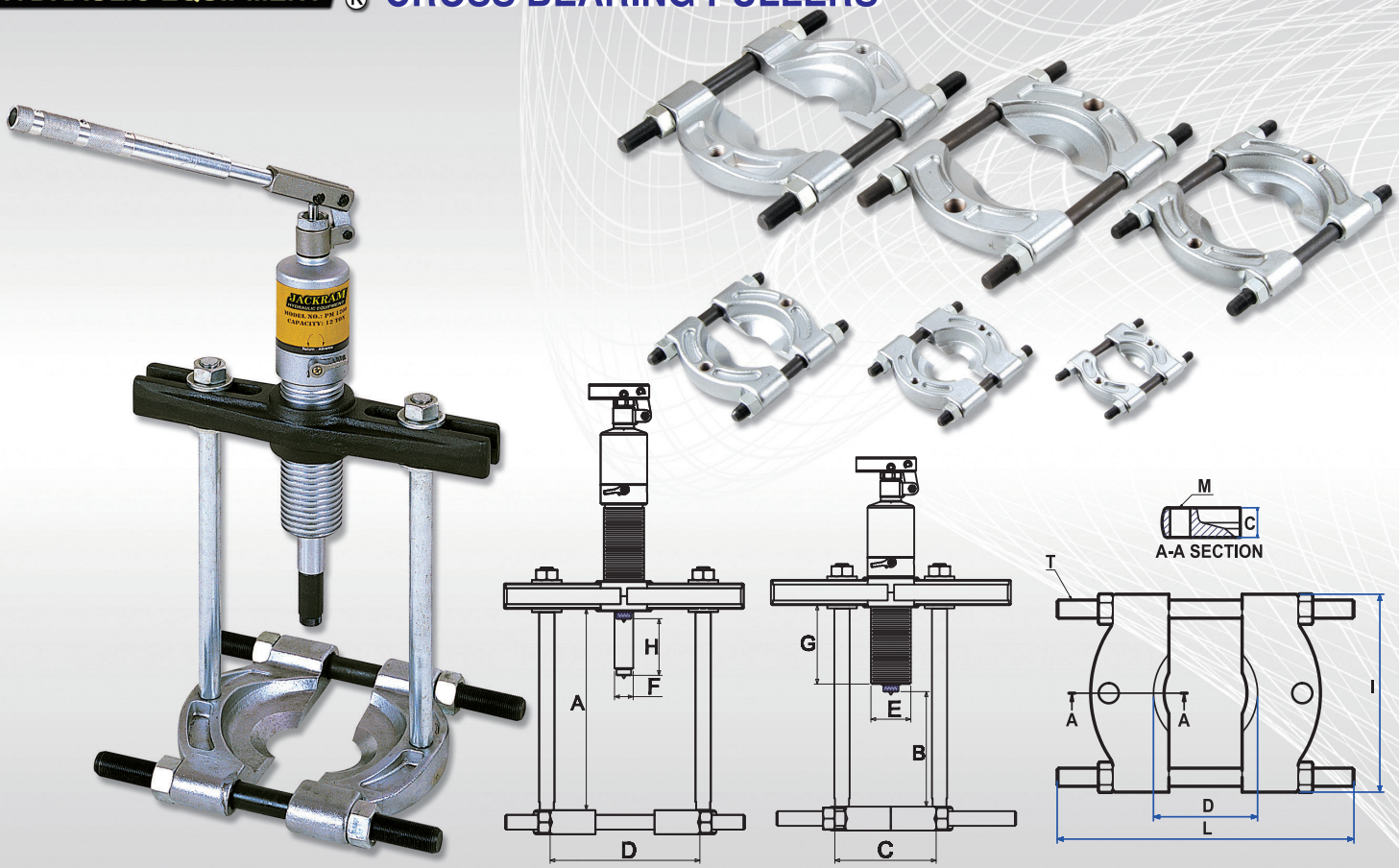


TECHNICAL DATA

Capacity	Model No.	Reach (Max. mm)	Spread (Max. mm)		Stroke (mm)	Pump Tip (mm)			Jaw Tip (mm)			Weight (kg)
			C	D	H	E	F	G	A	B	C	
4 Ton	PR420	185/250	55	225/110	60	42	22	84	11	6	22	4.5/8.5
8 Ton	PR820	230/270	95	350/220	85	50	25	122	11	10	25	6.5/12.6
12 Ton	PR1220	270/380	225	375/290	85	60	28	118	14	10	29	8.0/18.0

JACKRAM HYDRAULIC EQUIPMENT®

UNIVERSAL BEARING ATTACHMENTS
CROSS BEARING PULLERS



FEATURES:

1 Forged Cross Bridge.
2 Heat treated, Chrome plated & Alloy Steel stud for rust proof.
3 Impact set including the bearing attachment for convenient and safe pulling job.

FEATURES:

1 Forged of high strength steel alloy.
2 Heat treated, Chrome plated for rust proof and durable life.
3 Wedge-shaped edges allow removal of the most hard-to-grip components.
4 Easy adopt to cross bearing pullers for fast and efficient removal of the most difficult parts.

TECHNICAL DATA-Cross Bearing Pullers

Capacity	Model No.	Reach (Max. mm)	Spread (Max. mm)	Stroke (mm)	Pump Tip (mm)			Jaw Tip (mm)			Weight (kg)
				H	E	F	G	A	B	C	
4 Ton	PM410	250	110	60	42	22	84				8.5
6 Ton	PM610	270	180	70	45	23	92				10.5
8 Ton	PM810	270	220	85	50	25	122				12.5
12 Ton	PM1210	381	290	85	60	28	118				18.0

TECHNICAL DATA-Bearing Attachments

Capacity	Dmin- Max(mm)	L (mm)	I (mm)	ϕT (inch)	ϕM (inch)	Weight (kgs)
YC9005	5-60	125	92	3/8-24UNF	3/8-16UNC	0.6
YC9010	15-60	135	130	1/2-20UNF	3/8-16UNC	1.4
YC9015	12-70	163	156	5/8-18UNF	1/2-12UNC	2.5
YC9025	28-150	260	207	3/4-16UNF	5/8-11UNC	5.5
YC9035	20-200	350	240	1-14UN	3/4-10UNC	8.5

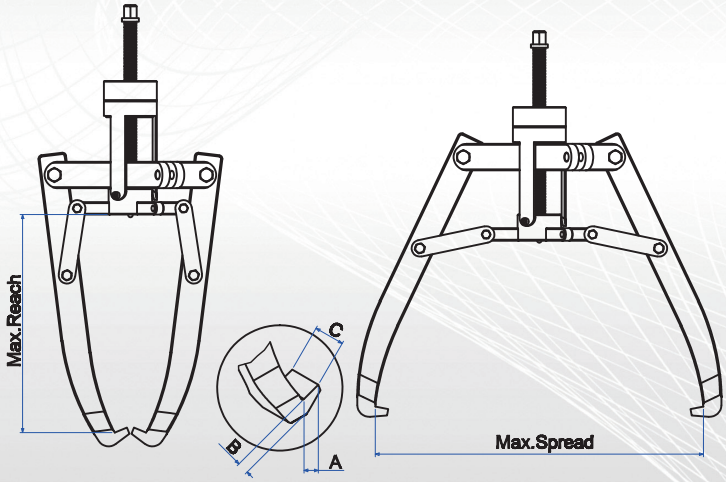
TECHNICAL DATA-Accessory Set

Capacity	Model No.	Reach (Max. mm)	Spread (mm)		Optional Pump Body	Overall Depth (W / mm)	Weight (kgs)
			C	D			
4 Ton	P412*	250	55	110	PM401	165	6.5
6 Ton	P612*	270	95	180	PM601	260	8.5
8 Ton	P812*	270	95	220	PM801	260	9.5
12 Ton	P1212*	380	225	290	PM1201	360	13.0

*The hydraulic pump body excluded.

MANUAL EASY PULLERS - 2/3 WAY





SIMPLE AND EASY PULLING JOB

Equipped with Screw-Operated Jaws, JACKRAM's unique patented Easy Pullers are dedicated for the absoluteuser-friendly and safe dismounting job in the market today. The most simple and efficient design, Screw-Operated Jaws bring the users to position the puller on the part quickly and correctly with one hand operating as well.

USER-CONVENIENTLY:

1. Absolutely user-conveniently raised from screw-operated and self-positioning jaws, locking on the part with just one hand operating only.
2. 3 and/or 2 fixed jaws for easily positioning and centring without miss.
3. Available in five sizes with a maximum pulling force from 2 Tons to 10 Tons for user's needs.

SAFE:

1. Self-locking jaws eliminate the puller jaw slipping off under loading and/or parts dismounted after.

SAVING COST:

1. Service life of puller is prolonged by the forged and durable parts.
2. Self-positioning & centring prevent the damage to the shaft as well.
3. Conveniently positioning, efficiently pulling cause much save on manpower and operating time.
4. The first 2 / 3 way manual easy puller in the world which brings users the two in one model as the best option to save the cost much.

TECHNICAL DATA

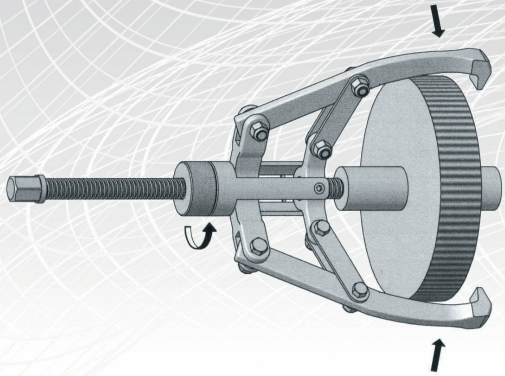
Capacity	Model No.	Reach (Max. mm)	Spread (Max. mm)	Shaft Dim.	Jaw Tip (mm)			Weight (kgs)
				E	A	B	C	
2 Ton	PM55	80	120	ϕ 5/8" x11T	8	6	15	1.6
3 Ton	PM85	120	140	ϕ 5/8" x11T	6	7	15	2.3
5 Ton	PM105	160	270	ϕ 3/4" x10T	11	10	25	4.3
8 Ton	PM125	210	300	ϕ 3/4" x10T	13	14	27	6.1
10 Ton	PM155	250	380	ϕ 7/8" x6T	14	10	29	9.6

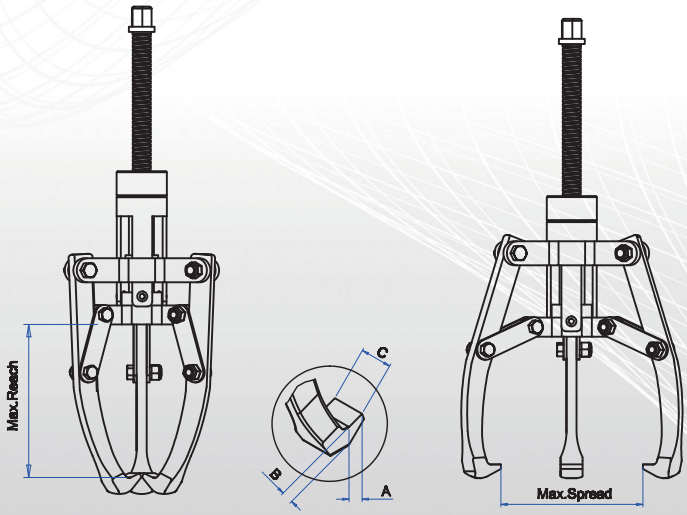
Patented in USA, Germany, S. Korea, Taiwan, P.R.C.....etc.

JACKRAM HYDRAULIC EQUIPMENT®

MECHANICAL EASY PULLERS - 2/3 WAY







SIMPLE AND EASY PULLING JOB

Equipped with Screw-Operated Jaws, JACKRAM's unique patent-pentding Easy Pullers are dedicated for the absolute user-friendly and safe dismounting job in the market today. The most simple and efficient design, Screw-Operated Jaws bring the users to position the puller on the part quickly and correctly one hand operating as well.

USER-CONVENIENTLY:

1. Absolutely user-conveniently raised from screw-operated and self-positioning jaws, locking on the part with just one hand operating only.
2. 3 fixed jaws and/or 2 fixed jaws for easily positioning and centring without miss.
3. Available in three sizes(3-jaws and 2-jaws type each) with a maximum pulling force of 2, 5 and 10 Tons for user's needs.

SAFE:

1. Self-locking jaws eliminate the puller jaw slipping off under loading and/or parts dismounted after.

SAVING COST:

1. Service life of puller is prolonged by the forged and durable parts.
2. Self-positioning & centring prevent the damage to the shaft as well.
3. Conveniently positioning, efficiently pulling cause much save on manpower and operating time.

TECHNICAL DATA

Capacity	Model No.	Reach (Max. mm)	Spread (Max. mm)	Shaft Dim.	Jaw Tip (mm)			Weight (kg)
					A	B	C	
2 Ton	PM50(3 jaws)	80	120	ϕ 5/8"x11T	8	6	15	1.3
2 Ton	PM52(2 jaws)	80	120	ϕ 5/8"x11T	8	6	15	0.9
5 Ton	PM100(3 jaws)	160	250	ϕ 3/4"x10T	11	10	25	3.7
5 Ton	PM102(2 jaws)	160	250	ϕ 3/4"x10T	11	10	25	3.1
10 Ton	PM150(3 jaws)	230	380	ϕ 7/8"x6T	14	10	29	8.8
10 Ton	PM152(2 jaws)	230	380	ϕ 7/8"x14T	14	10	29	6.7

Patented in USA, Germany, S. Korea, Taiwan, P.R.C.....etc.