

TECO TUBE PULLING SYSTEMS

HYDRAULIC RAM FOR GRIPPER TYPE TUBE PULLER



Model no. : **RD-96-155-SP-7**

Lightweight Hydraulic Double Acting Ram.

Capacity : 7 ton pulling power at 700 bar.
 Stroke : 155 mm (6")
 Cylinder O.D. : 65 mm (2 1/2")
 Length : 600 mm (23 1/2")
 Weight : 9 kg (20 lbs)

Model no. : **BRD-166-155-SP-11**

Lightweight Hydraulic Double Acting Ram.

Capacity : 11 ton pulling power at 700 bar.
 Stroke : 155 mm (6")
 Cylinder O.D. : 80 mm (3 1/8")
 Length : 630 mm (25")
 Weight : 13 kg (28 lbs)

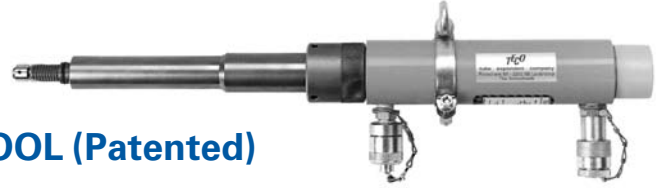


COLLAR TUBING ⑤	
Tube Size	Model No
5/8" O.D.	CTTP-625
3/4" O.D.	CTTP-750
7/8" O.D.	CTTP-875
1" O.D.	CTTP-1000
1 1/8" O.D.	CTTP-1125
1 1/4" O.D.	CTTP-1250

COLLAR HOUSING ⑥	
Ram Model no.	Model No
RD-96-155-SP-7	CHTP-96
BRD-166-155-SP-11	CHTP-166

ADAPTER GRIPPER ⑦	
Ram Model no.	Model No
RD-96 & BRD-166	ACTP-7/16"-20
RD-96 & BRD-166	ACTP-1/2"-20
RD-96 & BRD-166	ACTP-5/8"-20

HYDRAULIC OPERATED GRIPPER TYPE TUBE PULLER FOR CONDENSER TUBES

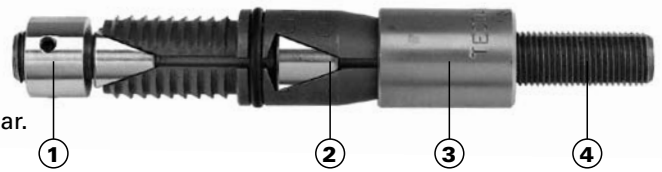


VERY FAST - EASY TO USE - LIGHT TOOL (Patented)

When re-tubing condenser and other similar types of unit containing non-ferrous tubes this specially developed Hydraulic Gripper Tube Puller removes tubes or tube stubs without damaging the tube sheet holes. This unit can pull up to 4 to 6 tubes per minute. The hydraulic ram has a single cycle stroke of 6 inch and a pulling power of 7 or 11 tons. The hydraulic pump operates at a pressure of 700 Bar and has High-Flow quick couplings.

THE HYDRAULIC GRIPPER TUBE PULLER CONSISTS OF

- Gripper tube puller unit (Patented) containing:
 1. Stop nut.
 2. Replaceable Gripper shells.
 3. Bushing.
 4. Puller mandrel.
- Hydraulic Ram either: 7 or 11 tons pulling power with collar.
- Hydraulic Pump (electric or pneumatic) see page 45.
- Hand or Foot-switch, pump will only run when switch is operated.
- Connection hose with High-Flow quick couplings.



Tube Size	Model No.	Grippers set ②	Puller Mandrel ④	Stop-Nut ①	Bushing ③
5/8" O.D.-15 Gauge 16 mm O.D. to 12.22 mm I.D.	CTP – 12 mm	GCTP – 12 mm	MCTP – 12 mm	SCTP-11/32"-24	BCTP-7/16"-20
5/8" O.D.-16-17 Gauge 16 mm O.D. to 12.57-12.92 mm I.D.	CTP – 12.5 mm	GCTP – 12.5 mm	MCTP – 12.5 mm	SCTP-11/32"-24	BCTP-7/16"-20
5/8" O.D.-18-19 Gauge 16 mm O.D. to 13.38-13.74 mm I.D.	CTP – 13 mm	GCTP – 13 mm	MCTP – 13 mm	SCTP-3/8"-24	BCTP-7/16"-20
5/8" O.D.-20-22 Gauge 16 mm O.D. to 14.10-14.45 mm I.D.	CTP – 14 mm	GCTP – 14 mm	MCTP – 14 mm	SCTP-3/8"-24	BCTP-7/16"-20
3/4" O.D.-15-16 Gauge 19.05 mm O.D. to 15.39-15.75 mm I.D.	CTP – 15 mm	GCTP – 15 mm	MCTP – 15 mm	SCTP-7/16"-20	BCTP-7/16"-20
3/4" O.D.-17-19 Gauge 19.05 mm O.D. to 16.10-16.90 mm I.D.	CTP – 16 mm	GCTP – 16 mm	MCTP – 16 mm	SCTP-7/16"-20	BCTP-7/16"-20
3/4" O.D.-20-22 Gauge 19.05 mm O.D. to 17.27-17.63 mm I.D.	CTP – 17 mm	GCTP – 17 mm	MCTP – 17 mm	SCTP-7/16"-20	BCTP-7/16"-20
7/8" O.D.-14-16 Gauge 22.20 mm O.D. to 18.00-18.92 mm I.D.	CTP – 18 mm	GCTP – 18 mm	MCTP – 18 mm	SCTP-7/16"-20	BCTP-7/16"-20
7/8" O.D.-17-18 Gauge 22.20 mm O.D. to 19.28-19.74 mm I.D.	CTP – 19 mm	GCTP – 19 mm	MCTP – 19 mm	SCTP-1/2"-20	BCTP-1/2"-20
7/8" O.D.-19-22 Gauge 22.20 mm O.D. to 20.10-20.80 mm I.D.	CTP – 20 mm	GCTP – 20 mm	MCTP – 20 mm	SCTP-1/2"-20	BCTP-1/2"-20
1" O.D.-14-15 Gauge 25.40 mm O.D. to 21.18-21.74 mm I.D.	CTP – 21 mm	GCTP – 21 mm	MCTP – 21 mm	SCTP-1/2"-20	BCTP-1/2"-20
1" O.D.-16-18 Gauge 25.40 mm O.D. to 22.10-22.91 mm I.D.	CTP – 22 mm	GCTP – 22 mm	MCTP – 22 mm	SCTP-1/2"-20	BCTP-1/2"-20
1" O.D.-19-22 Gauge 25.40 mm O.D. to 23.30-23.97 mm I.D.	CTP – 23 mm	GCTP – 23 mm	MCTP – 23 mm	SCTP-1/2"-20	BCTP-1/2"-20
1 1/8" O.D.-14-15 Gauge 28.50 mm O.D. to 24.35-24.91 mm I.D.	CTP – 24 mm	GCTP – 24 mm	MCTP – 24 mm	SCTP-1/2"-20	BCTP-1/2"-20
1 1/8" O.D.-16-17 Gauge 28.50 mm O.D. to 25.20-25.63 mm I.D.	CTP – 25 mm	GCTP – 25 mm	MCTP – 25 mm	SCTP-1/2"-20	BCTP-1/2"-20
1 1/8" O.D.-18-19 Gauge 28.50 mm O.D. to 26.09-26.44 mm I.D.	CTP – 26 mm	GCTP – 26 mm	MCTP – 26 mm	SCTP-5/8"-18	BCTP-5/8"-18
1 1/4" O.D.-14 Gauge 31.75 mm O.D. to 27.53 mm I.D.	CTP – 27 mm	GCTP – 27 mm	MCTP – 27 mm	SCTP-5/8"-18	BCTP-5/8"-18
1 1/4" O.D.-15-17 Gauge 31.75 mm O.D. to 28.09-28.80 mm I.D.	CTP – 28 mm	GCTP – 28 mm	MCTP – 28 mm	SCTP-5/8"-18	BCTP-5/8"-18
1 1/4" O.D.-18-20 Gauge 31.75 mm O.D. to 29.26-29.97 mm I.D.	CTP – 29 mm	GCTP – 29 mm	MCTP – 29 mm	SCTP-5/8"-18	BCTP-5/8"-18
1 1/4" O.D.-21-22 Gauge 31.75 mm O.D. to 30.12-30.33 mm I.D.	CTP – 30 mm	GCTP – 30 mm	MCTP – 30 mm	SCTP-5/8"-18	BCTP-5/8"-18
1 3/8" O.D.-15 - 16 Gauge 34.93 mm O.D. to 31.27-31.63 mm I.D.	CTP – 31 mm	GCTP – 31 mm	MCTP – 31 mm	SCTP-5/8"-18	BCTP-5/8"-18
1 3/8" O.D.-17 - 19 Gauge 34.93 mm O.D. to 32.0 - 32.8 mm I.D.	CTP – 32 mm	GCTP – 32 mm	MCTP – 32 mm	SCTP-5/8"-18	BCTP-5/8"-18
1 3/8" O.D.-20 - 22 Gauge 34.93 mm O.D. to 33.15-33.51 mm I.D.	CTP – 33 mm	GCTP – 33 mm	MCTP – 33 mm	SCTP-5/8"-18	BCTP-5/8"-18
1 1/2" O.D.-15 - 16 Gauge 38.1 mm O.D. to 34.44-34.80 mm I.D.	CTP – 34 mm	GCTP – 34 mm	MCTP – 34 mm	SCTP-5/8"-18	BCTP-5/8"-18
1 1/2" O.D.-17 - 19 Gauge 38.1 mm O.D. to 35.15-35.97 mm I.D.	CTP – 35 mm	GCTP – 35 mm	MCTP – 35 mm	SCTP-5/8"-18	BCTP-5/8"-18