

HYDRAULIC PULLERS



LARZEP advantages

- Wide range of models from 5 to 50 Tn suitable for most maintenance pulling applications.
- Manufactured in high quality forged steel, includes hydraulic components and all mechanical components:
 - Hydraulic part: Includes cylinder, pump, hose, pressure gauge, gauge adaptor, male coupling and hollow saddle.
 - Mechanic part: Includes 2 Jaws puller (FX), 3 Jaws puller (FV) and Complete Cross Bearing puller (FZ) that includes: Simple Cross Bearing puller with long and short extension pieces (FT), Bearing Cup puller (FI) and Bearing puller (FR).
- 2 jaw puller (FX), 3 jaw puller (FV), simple cross bearing puller (FT) and complete cross bearing puller (FZ) include hydraulic components and mechanical components.
- All pullers are delivered in a strong wooden box for ease of transport and storage.



HYDRAULIC PULLERS

FU-FV-FZ

5-50 Tn.

700 bar

TOOLS

UNIVERSAL HYDRAULIC PULLERS - FU (Include hydraulic and mechanic part)

| Capacity (Tn) | 5 | 10 | 20 | 30 | 50 |
|----------------|-----------|-----------|-----------|-----------|-----------|
| Model | FU0500 | FU1000 | FU2000 | FU3000 | FU5000 |
| Hydraulic Part | JH00518/1 | JH01204/1 | JH02205/1 | JH03005/1 | JH06008/1 |
| Mechanic Part | FU0500/M | FU1000/M | FU2000/M | FU3000/M | FU5000/M |

HYDRAULIC PART

| Capacity (Tn) | 5 | 10 | 20 | 30 | 50 |
|--------------------|-----------|-----------|-----------|-----------|-----------|
| Model | JH00518/1 | JH01204/1 | JH02205/1 | JH03005/1 | JH06008/1 |
| Cylinder | SM00518 | SH01204 | SH02205 | SH03006 | SH06008 |
| Pump | W00307 | W00307 | W10707 | W20707 | W21207 |
| Hose | AP2015 | AP2015 | AP2015 | AP2015 | AP2020 |
| Gauge adaptor | AZ1502 | AZ1502 | AZ1502 | AZ1502 | AZ1502 |
| Pressure gauge | AV10006 | AV10006 | AV10006 | AV10006 | AV10006 |
| Male half coupling | AZ3120 | AZ3120 | AZ3120 | AZ3120 | AZ3120 |
| Hollow saddle | - | AZ0551 | AZ0552 | AZ0553 | AZ0556 |

MECHANIC PART

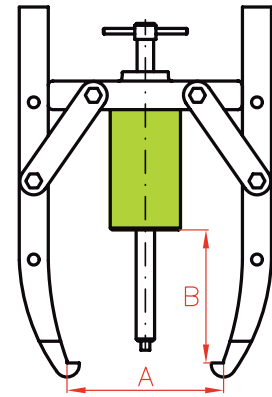
| Capacity (Tn) | 5 | 10 | 20 | 30 | 50 | | | | |
|------------------------|----------|----------|----------|----------|----------|----|----|----|----|
| Model | FU0500/M | FU1000/M | FU2000/M | FU3000/M | FU5000/M | FV | FX | FZ | FT |
| Jaw | FU0507 | FU1007 | FU2007 | FU3007 | FU5007 | 3 | 2 | - | - |
| 3 Jaws crosshead | - | - | FU2008 | FU3008 | FU5008 | * | - | - | - |
| 2 Jaws crosshead | - | - | FU2009 | FU3009 | FU5009 | * | * | - | - |
| 2 and 3 Jaws crosshead | FU0508 | FU1008 | - | - | - | * | * | - | - |
| Arms | FU0510 | FU1010 | FU2010 | FU3010 | FU5010 | 6 | 4 | - | - |
| Jaws bolts + Nuts | FU0511 | FU1011 | FU2011 | FU3011 | FU5011 | 6 | 4 | - | - |
| Slinde + Handle | - | FU1012 | FU2012 | FU3012 | FU5012 | * | * | * | * |
| Short bolts (2) | - | 14A0330 | 14A0074 | 14A0075 | 14A0076 | * | * | - | - |
| Bearing puller | FR1000 | FR1000 | FR2000 | FR3000 | FR5000 | - | - | * | - |
| Gross crosshead | FU0517 | FU1017 | FU2017 | FU3017 | FU5017 | - | - | * | * |
| Blank nuts (2) | FU1018 | FU1018 | FU2018 | FU3018 | FU5018 | - | - | * | * |
| Washer (2) | FU1019 | FU1019 | FU2019 | FU3019 | FU5019 | - | - | * | * |
| Slides (2) | FU0520 | FU1020 | FU2020 | FU3020 | FU5020 | - | - | * | * |
| Fixing nuts (2) | FU0521 | FU2021 | FU2021 | FU3021 | FU5021 | - | - | * | * |
| Large extenders (2) | FU0522 | FU1022 | FU2022 | FU3022 | FU5022 | - | - | * | * |
| Short extenders (2) | FU0523 | FU1023 | FU2023 | FU3023 | FU5023 | - | - | * | * |
| Bearing cup puller | - | FI1000 | FI2000 | FI3000 | FI5000 | - | - | * | - |
| Point protector | FU0525 | FU1025 | FU2025 | FU5025 | FU5025 | * | * | * | * |
| Connection nuts (2) | 14B0050 | 14B0051 | 14B0029 | 14B0030 | 14B0031 | - | - | * | * |
| Long bolts (2) | - | 14A0331 | 14A0098 | 14A0099 | 14A0100 | - | - | * | * |

* Included

- Not available

JAWS PULLER FX - FV (Include hydraulic and mechanic part)

| Capacity | 2 JAWS | | | 3 JAWS | | |
|----------|--------|--------|--------|--------|--------|--------|
| | Model | A max. | B max. | Model | A max. | B max. |
| Tn | LARZEP | mm | mm | LARZEP | mm | mm |
| 5 | FV0500 | 240 | 225 | FV0500 | 240 | 225 |
| 10 | FV1000 | 350 | 320 | FV1000 | 350 | 320 |
| 20 | FX2000 | 480 | 340 | FV2000 | 480 | 340 |
| 30 | FX3000 | 580 | 390 | FV3000 | 680 | 390 |
| 50 | FX5000 | 920 | 727 | FV5000 | 1.080 | 750 |



FULL CROSS BEARING PULLER - FZ

(Include hydraulic and mechanic part: $FZ = FT + FI + FR$)

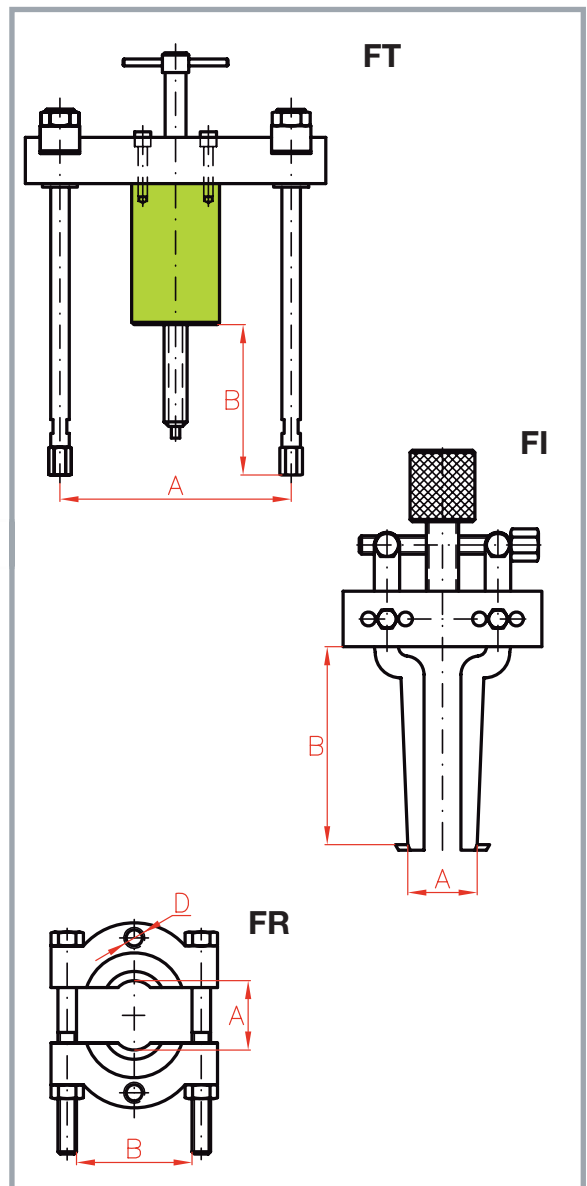
| Capacity | Model | Simple Cross Bearing Puller | Bearing Cup Puller | Bearing Puller |
|----------|--------|-----------------------------|--------------------|----------------|
| Tn | LARZEP | FT | FI | FR |
| 5 | FZ0500 | FT0500 | - | FR1000 |
| 10 | FZ1000 | FT1000 | FI1000 | FR1000 |
| 20 | FZ2000 | FT2000 | FI2000 | FR2000 |
| 30 | FZ3000 | FT3000 | FI3000 | FR3000 |
| 50 | FZ5000 | FT5000 | FI5000 | FR5000 |

FZ

SIMPLE CROSS BEARING PULLER - FT

(Include hydraulic and mechanic part)

| Capacity | Model | A min. | A max. | B max. |
|----------|--------|--------|--------|--------|
| Tn | LARZEP | mm | mm | mm |
| 5 | FT0500 | 40 | 185 | 170 |
| 10 | FT1000 | 115 | 260 | 300 |
| 20 | FT2000 | 170 | 345 | 265 |
| 30 | FT3000 | 180 | 440 | 284 |
| 50 | FT5000 | 220 | 580 | 447 |



BEARING CUP PULLER - FI (Only mechanic part)

| Capacity | Model | A min. | A max. | B |
|----------|--------|--------|--------|-----|
| Tn | LARZEP | mm | mm | mm |
| 10 | FI1000 | 40 | 145 | 115 |
| 20 | FI2000 | 40 | 145 | 115 |
| 30 | FI3000 | 60 | 240 | 150 |
| 50 | FI5000 | 60 | 240 | 150 |

BEARING PULLER - FR (Only mechanic part)

| Capacity | Model | A min. | A max. | B | D |
|----------|--------|--------|--------|-----|---------------|
| Tn | LARZEP | mm | mm | mm | UN |
| 5 - 10 | FR1000 | 10 | 110 | 130 | 5/8" UNF-18 |
| 20 | FR2000 | 12 | 134 | 155 | 5/8" UNF-18 |
| 30 | FR3000 | 17 | 250 | 260 | 1" UNF-14 |
| 50 | FR5000 | 35 | 300 | 300 | 1 1/4" UNF-12 |