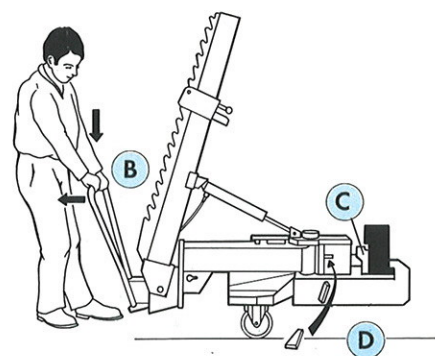
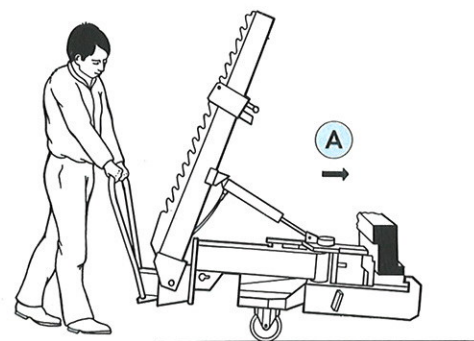
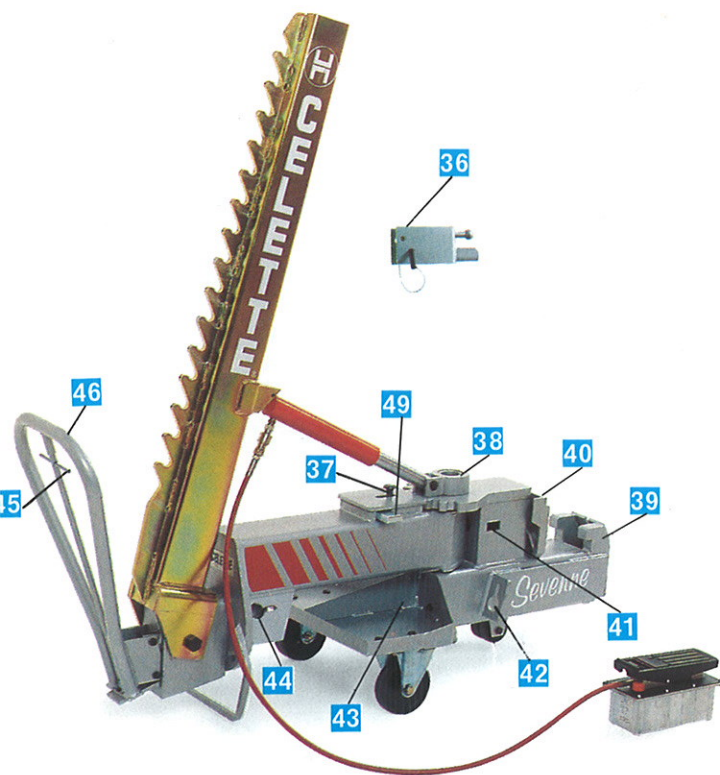


PULLING UNIT

Pulling unit with ultra rapid anchoring all around the bench



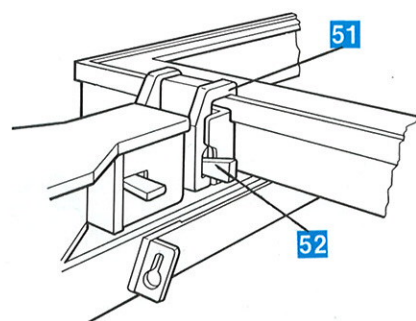
- 36 Ram support for pushing
- 37 Drawer to lock the horizontal beam orientation with wedge 49
- 38 Ram support cup for vector pullings
- 39 Bench anchorage claw
- 40 Moving jaw
- 41 Wedge locating holes
- 42 Chain anchorage for downward pulls
- 43 Tool tray
- 44 Chain anchorage for vector pulling
- 45 Unlocking lever of the pulling arm tilting system
- 46 Handlebar

ANCHORING THE PULLING UNIT TO THE BENCH WITHOUT A LIFTING UNIT

- A** Position the pulling unit against the bench, the head going under the bench
- B** Press down on handlebar 46 and pull the unit backwards slightly to hook part 39 to the bench locking rail
- C** Push jaw 40 against the bench
- D** Introduce the wedge into slotted hole 41. Lock using a hammer.
Note : the wedge can be introduced either from the right, or from the left side of the pulling unit.

ANCHORING THE PULLING UNIT TO THE BENCH EQUIPPED WITH A LIFTING UNIT

- Follow the instructions above, points **A**, **B**, **C**, **D**
- Fit special flange 51 and lock it with a wedge 52



- Mettre en place un coin 52

ORIENTATION OF THE HORIZONTAL BEAM

Caution : the pulling angle must first be obtained by the orientation of the horizontal beam 47. Then, in case it is not sufficient by the inclination of the vertical arm 48.

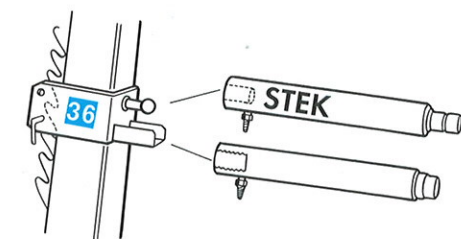
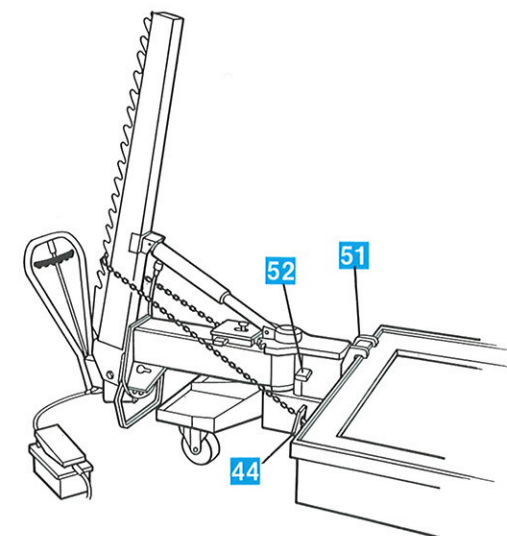
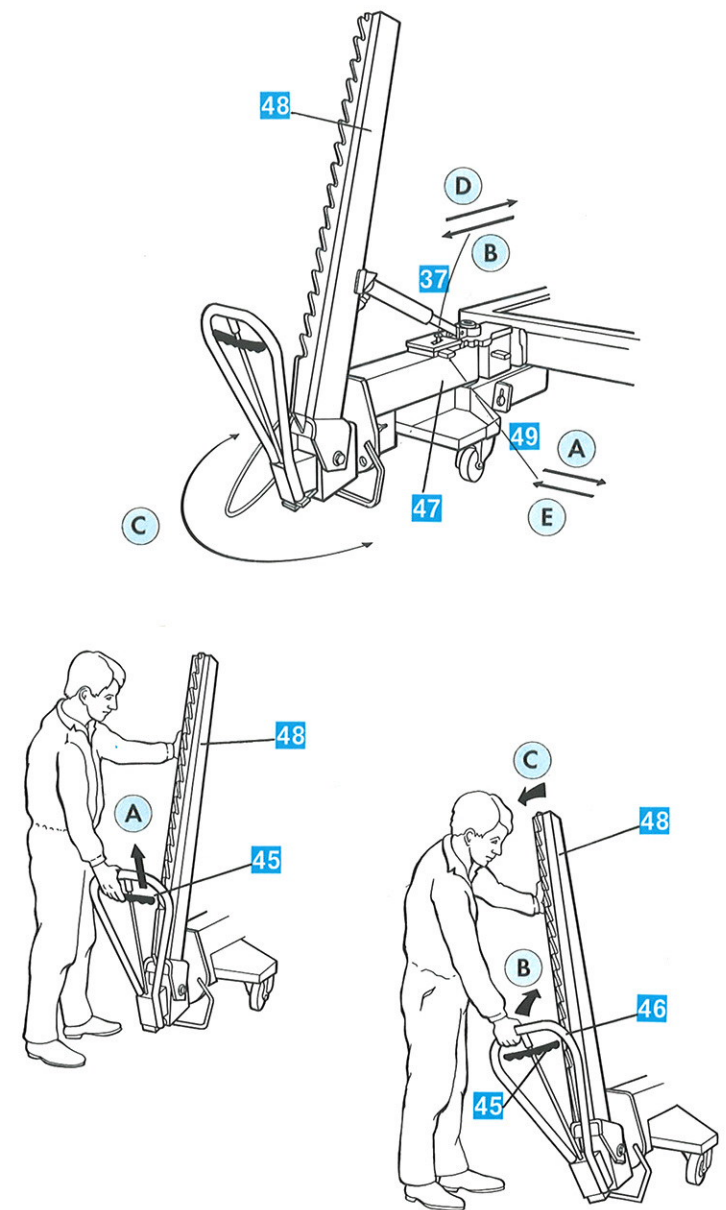
-
- A** Remove the locking wedge 49 if it is in position
 - B** Shift drawer 37 backwards to separate the cogs from the toothed plate.
 - C** Orientate the pulling unit to the required angular position.
 - D** Push drawer 37 forwards ensuring that teeth locate.
 - E** Lock with wedge 49. Ensure the wedge is well locked.

INCLINATION OF THE VERTICAL ARM

- The operator must always stand on the side towards which the arm is inclined.
- Hold the pulling arm 48 with one hand
- With the other hand, lift **A** the unlocking lever 45
- Tilt **B** the handle bar 46 forwards
- Slightly tilt **C** the arm 48 and release the lever 45 and handlebar 46 again
- Continue to tilt the arm. The arm will automatically lock in the next tooth position.
- To obtain more inclination, begin the operation again (two notches are available on each side of the vertical position)

PUSHING OPERATIONS

- The pulling unit being anchored to the bench, fit flange 51 and lock with a wedge 52
- Pass a chain behind the pulling arm and hook each end into the anchorage points 44 designed for this purpose, one on each side of the pulling unit.
- Slightly tension the chain using the pump
- Lock the ram support 36 with a pin at the required height on the pulling arm
- Place the ram in position :
 - onto the ball if the ram is equipped with a STEK base
 - in the cup for a ram with a threaded base.



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