

Upsetting technology

1). Rebar Upsetting Machine



Rebar diameter range:	φ16—φ40
Oil pump flux:	5L/min
Rating power:	<60Mpa
Electric motor power:	4KW
Piston movement distance:	100mm
Out dimension(mm):	1225×570×1100mm
Weight:	597Kg

This machine is the preparative machine for rebar connection in construction work. Its main function is to forging the end part of rebar to raise the rebar area and therefore enlarge the strength of rebar end.

2). Rebar Thread Cutting Machine

Rebar diameter range:	φ16—φ40
Threading cutting speed	32r/min
Backing speed	64r/min
Electric motor power:	2.4/3KW
Cutting head movement distance:	150mm
Out dimension(mm):	1325×570×1070mm
Weight:	537Kg

This machine is used to cut the thread for rebar end after cold forging



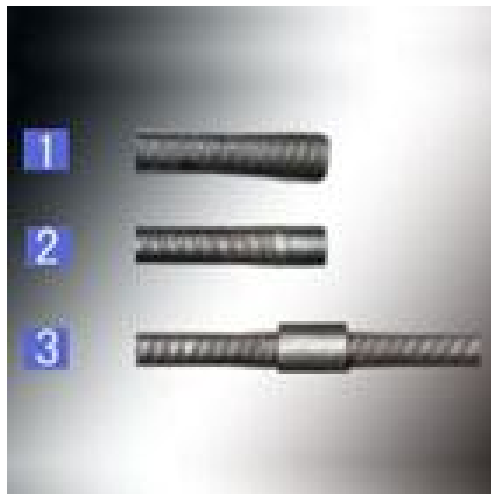
Working principle:

First, use Rebar Upsetting Machine to forging the end part of rebar

then, use the Steel bar Thread Cutting Machine to cut the thread for rebar end after cold forging

Third, use the coupler to link the two ends of rebar.

Upset parallel threaded coupler



The parameter of upsetting coupler:

Size	D(± 0.5)mm	L(± 1) mm	P
$\Phi 16$	26	40	2.5
$\Phi 18$	29	44	2.5
$\Phi 20$	32	48	3
$\Phi 22$	36	52	3
$\Phi 25$	40	60	3.5
$\Phi 28$	44	66	3.5
$\Phi 32$	50	72	4
$\Phi 36$	56	80	4
$\Phi 40$	62	90	4