

PRABER Series SP Presses

The “SP” series of screw presses performs long experience in forging; it results in a very precise choice for constructive materials offering the highest working precision and complete strength.

With this new series, Praber Group intends to complete its range of presses at high technologic content, believing that durability, repeatability and flexibility are the most important advantages in all productive fields. The use of SP Praber Screw Press perfectly fits with all productions that require velocity and precision.

“SP” Praber friction drive screw presses series is suitable for hot forging of complex workpieces or requiring multiple forming steps.

Fields of application of “SP” Praber Screw Press:

- Hot forging
- Cold forging of steel and alloys (cutlery, silverware, pots, etc.)
- Minting (plates, medals, etc.)
- Light alloys hot forging (components for cars and motorcycles, shipbuilding, aerospace, watch industry, etc.)
- Brass hot forging (fittings, wrenches, plates and medals, components for taps and fittings, etc.)
- Steel hot forging (valves, screws, universal joints, rods, flanges etc.)
- Paper industry processing (paper lace manufacturing, etc.)



Modello	SP150	SP180	SP210	SP250	SP280	SP310	SP330	SP360	SP400	SP450	SP500
Screw diameter (mm)	150	180	210	250	280	310	330	360	400	450	500
Nominal force (kN)	2400	3400	4800	7200	8000	10000	11500	13500	16000	20000	26000
Max allowable force (kN)	3800	5400	7700	11500	12800	16000	18400	21600	25600	32000	41600
Max force (kN)	4800	6800	9600	14400	16000	20000	23000	27000	32000	40000	52000
Max useful energy (kgm)	1100	1800	2800	5400	6600	11000	14000	18000	24000	31000	45000
Horizontal light (mm)	400	460	560	640	700	750	820	900	1000	1100	1200
Vertical light (mm)	300	350	400	450	500	500	540	600	700	800	1000
Ram stroke (mm)	300	350	400	450	500	500	540	550	650	700	750
Blows per minute (no.)	52	48	42	35	30	30	25	20	15	12	10
Motor power (kW)	22	30	30	37	45	55	55	75	110	132	160
Weight (ton)	8,5	14	19	30	38	52	65	80	115	170	220