



NXT-Series

Adjustable stroke, Double link motion and High precision

The NXT high precision and high speed model is equipped with a double link motion mechanism. This mechanism allows a slide motion deceleration at around the bottom dead point for an optimal stability of the ram penetration and a drastic reduction of the vibrations inside the dies during the cutting and forming operations. The crankshaft is dynamically balanced. The frame material is casting iron FCD-50. The slide is guided by 2 plungers and 4 posts for a perfect action against eccentric load inside the dies. The change of the stroke length is fully automatic. As for all Yamada presses, the NXT model is equipped with an automatic oil temperature control (Heat & cool system) which permits to guaranty an optimal stability of the slide penetration from the first stamped parts at any constant speed or in acceleration. The Yamada easy handling press control with its color touch screen panel is very suitable for quick die changes with memorization of all the press and feeder parameters (for a total of 1000 dies). A press force monitoring is also included as standard equipment.

Model		NXT-30	NXT-40	NXT-40L (A)	NXT-40L (B)	NXT-45XL	NXT-50XL	NXT-50Wi (A)	NXT-50Wi (B)
Press force	kN	300	400	400	400	450	500	500	500
Adjustable stroke	mm	13 - 30	15 - 40	25 - 48	16 - 40	20 - 48	16 - 60	15 - 30	25 - 44
Speed max	spm	1300	1000	800	1000	1000	800	1050	830
Die height max	mm	225	265	268	275	304	300	331	330
D.H. adj. range	mm	50	50	50	50	50	50	50	50
Bolster area	mm	640 x 450	760 x 590	950 x 650	950 x 650	1100 x 650	1100 x 800	1350 x 800	1350 x 800
Slide area	mm	640 x 320	760 x 360	950 x 420	950 x 420	1100 x 420	1100 x 420	1350 x 420	1350 x 420
Strip inlet width	mm	220	260	260	260	260	340	260	260
Main motor	kW	15	15	18.5	18.5	22	22	22	22
Weight	ton	6.0	8.7	10.8	10.8	11	17	17	17
Height	mm	2810	3060	3200	3200	3280	3600	3600	3600

Model		NXT-50Wi-L	NXT-60	NXT-80	NXT-80Wi	NXT-80XL	NXT-125	NXT-125L	NXT-150
Press force	kN	500	600	800	800	800	1250	1250	1500
Adjustable stroke	mm	16 - 44	15 - 50	20 - 63	28 - 60	16 - 65	25 - 80	25 - 80	30 - 80
Speed max	spm	980	800	650	650	800	400	400	320
Die height max	mm	343	303	327	320	328	408	408	424
D.H. adj. range	mm	50	50	50	50	50	80	80	80
Bolster area	mm	1500 x 800	950 x 650	1100 x 800	1350 x 800	1500 x 800	1350 x 800	1500 x 800	1850 x 1000
Slide area	mm	1500 x 540	950 x 420	1100 x 540	1350 x 540	1500 x 540	1350 x 600	1500 x 600	1850 x 800
Strip inlet width	mm	340	260	340	340	340	430	430	430
Main motor	kW	30	22	30	30	37	37	37	45
Weight	ton	20	12.5	18.3	22	30	40	45	60
Height	mm	3900	3450	3800	3800	3900	4500	4600	4630