

Square Baler machine picks up the barrel harvested hay, alfalfa, wheat, barley and other crops from the field and compress, then tie around the bale with a twine. Most common and useful machine is the one which makes a form of rectangular bale. It is very easy to store, carry and use of these bales. Power requirement is transmitted directly from PTO through a shaft. Power distribution system has been redesigned on Bale machine. Power supply is divided into 3 section where empowers to crop pick up system, hayfork loading system and tie mechanism, thus prevents the excessive force at certain points. This is a superior advantage compared to the others. With the new design bearings, chains and superior ad gears are working smoothly. A spring loaded tensioning system is used to increase the lifetime and performance of transfer chain. Pick-up table is equipped with a double acting hydraulic system to move up and down as easily to collect the crops from field. Due to over feeding or jam in front hayfork loading system, then security mechanism is automatically activated to prevent the pick-up system. Baler is equipped with a heavy duty towing bar and it is attached directly to the main axle which takes away the pressure affection onto the bale chamber. At the rear side there is an adjustable height support wheel.



TECNICAL SPECIFICATIONS

Units	Models	Units	Models	
Chamber Size	cm	36 x 46	Baler Dimensions	
Stroke length	cm	73	Tyres right	10,0/75 - 15.3 Tubles 12 PLY
Ram stroke	stroke/minute	92	Tyres left	10,0/75 - 15.3 Tubles 12 PLY
Feed window	cm ²	1570	Rear middle support wheel	16,5 x 6,50-8 6 PR
Bale			Weight of baler	kg 2192
Bale length	cm	30-135	Length of baler(on the road)	cm 553
Bale weight	kg	25-35	Length of baler(on duty)	cm 638
Work efficiency	bale/day	1800-2000	Width of baler	cm 638
Knotter pcs	pcs	2-Twine	Height of baler	cm 255
Pick up system			Tractor power	hp 50-60
Pick-Up width(in to in)	cm	163	PTO	1/min 540
Pick-Up width(out to out)	cm	171	Transmission	2 shaft
Bar Gap	mm	70		
Tooth Bars	pcs	5 bars		
Number of Teeth	pcs	110		