

## FENDT SQUARE BALERS

# Technical Specifications.



Standard and optional equipment  
 Standard: ■  
 Optional: □

		990	1270	1290	1290 XD	12130
<b>Bale size</b>						
Width	cm	80	120	120	120	120
Height	cm	90	70	90	90	130
Max. length	cm	274	274	274	274	274

<b>Weights and dimensions</b>						
Overall width - single/tandem axle (including pickup wheels)	m	3.0	3.0	3.0	3.0	3.3
Overall width - tyres 620/40x22.5	m	3.0	3.23	3.23	3.23	3.23
Overall length - bale chute, folded in	m	8.3	8.33	8.33	8.73	8.82
Overall height - to top of hand railing, folded in	m	2.97	2.69	2.69	2.87	3.32
Overall height - to top of hand railing, standing	m	3.27	3.27	3.27	3.27	3.58
Weight - single/tandem axle, without cutter unit	kg	6840 / 7440	8460 / 9210	8940 / 9690	- / 10580	10520 / 11030
Weight - tandem axle, with cutter unit	kg	8360	10230	10710	11600	

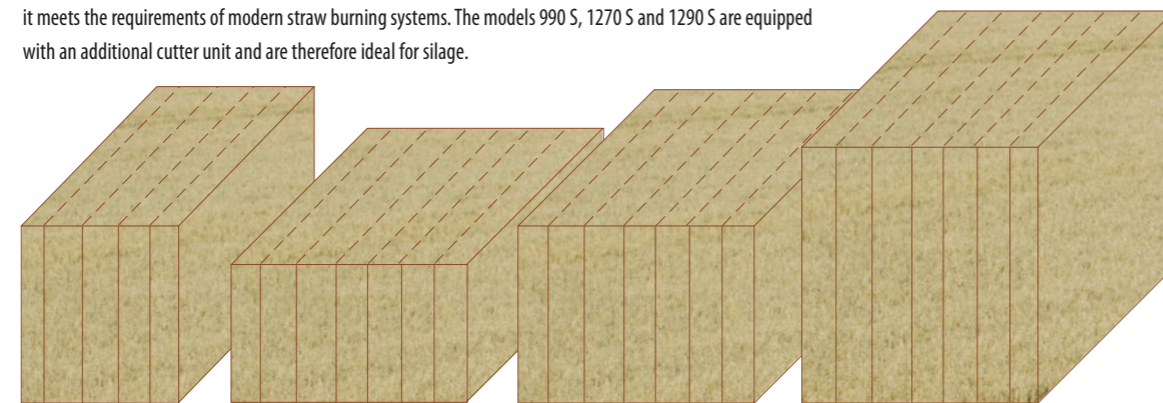
<b>Main drive</b>						
Flywheel diameter	mm	750	870	870	990	870
Flywheel width	mm	110	130	130	250	130
Flywheel weight	kg	170	290	290	545	290
Overload protection - slip clutch, overrunning clutch and shear bolt		■	■	■	■	■
Gearbox - enclosed, double reduction		■	■	■	■	■
Automatic chain lubrication						

<b>Pickup</b>						
Overall width - without pickup wheels	m	2.6	2.6	2.6	2.6	2.6
Effective operating width (DIN 11220)	m	2.26	2.26	2.26	2.26	2.26
Tine rows	Number	4	4	4	4	4
Tines	Number	128	128	128	128	128
Tine spacing	mm	66	66	66	66	66
Drive protection - slip and overrunning clutches		■	■	■	■	■
HD spiral spring		■	■	■	■	■
Roller pressure pad with deflector plate		■	■	■	■	■

<b>Feeding system</b>						
Packer - fork design		■	■	■	■	■
Packer tines (hardened)	Number	4	6	6	6	6
Overload protection - slip clutch with splined profile		■	■	■	■	■

### The optimal bale size

The required bale size depends on the subsequent use for the bale. Fendt offers four different bales sizes to meet all needs. The top model 12130 N is especially well-suited for dry crops. With a bale size from 120 cm to 130 cm, it meets the requirements of modern straw burning systems. The models 990 S, 1270 S and 1290 S are equipped with an additional cutter unit and are therefore ideal for silage.



Bale size 990 (WxHxL) 800 x 900 x up to 2740 mm  
 Bale size 1270 (WxHxL) 1200 x 700 x up to 2740 mm  
 Bale size 1290 (WxHxL) 1200 x 900 x up to 2740 mm  
 Bale size 12130 (WxHxL) 1200 x 1300 x up to 2740 mm

		990	1270	1290	1290 XD	12130
<b>ProCut table</b>						
ProCut table		□	□	□	□	
Cutter	Number	17	26	26	26	
Hydraulic cutter protection		■	■	■	■	
Cutting rotor diameter	mm	650	650	650	650	
Group engagement of knives		0, 8, 17	0, 13, 26	0, 13, 26	0, 13, 26	
Potential cutting length	mm	43.5	43.5	43.5	43.5	
Pull-out knife drawer		■	■	■	■	

<b>Plunger / bale chamber</b>						
Plunger speed	Strokes/min	47	47	47	47	33
Piston stroke	mm	740	740	740	740	820
Automatic bale density control						

<b>Knotting system / tying</b>						
Double knotter		■	■	■	■	■
Knotter	Number	4	6	6	6	6
Twine reserve (reels)	Number	30	30	30	30	30
Cleaning fan with hydraulic drive		■	■	■	■	■
Automatic knotter lubrication		■	■	■	■	■

<b>Bale ejector and bale chute</b>						
Teeth	Number	8	8	8	10	10
Tine rows that can be switched on/off	Number	3	3	3	3	3
Hydraulic controls at rear of baler		■	■	■	■	■
Heavy-duty bale chute		■	■	■	■	■
Eject indicator		■	■	■	■	■
Hydraulic pivoting system for road transport		■	■	■	■	■

<b>Axles and tyres</b>						
Single axle - tyres		600/50-22.5	700/50-22.5			28Lx26
Single axle - max. permissible speed*	km/h	40	40			40
Tandem axle - tyres (standard)		500/50-17	500/45-22.5	500/45-22.5	500/45-22.5	500/45-22.5
Tandem axle - tyres (optional)		620/40-22.5	620/40-22.5	620/40-22.5	620/40-22.5	620/40-22.5
Tandem axle - max. permissible speed*	km/h	60	60	60	60	60

<b>Operation / control and monitoring system</b>						
C1000 - colour terminal		■	■	■	■	■
C2100 - colour terminal with touch screen					□	
ISOBUS - compliant with ISOBUS 11783		■	■	■	■	■

<b>Tractor requirements</b>						
Recommended PTO power - packer version	kW/hp	112 / 150	120 / 160	127 / 170	149/200	200/150
Recommended PTO power - ProCut cutter unit	kW/hp	135 / 180	142 / 190	149 / 200	186 / 250	
PTO - type II: PTO diameter: 35 mm, 21 teeth		■				
PTO - type III: PTO diameter: 44 mm, 20 teeth			■	■	■	■
Dual-action control valve, depending on specification (min.)	Number	2	2	3	3	2

<b>Special equipment</b>						
Integrated bale scales		□	□	□	□	□
Electrical bale length adjustment		□	□	□	□	□
Hydraulic support leg		□	□	□	□	□
Rear view camera		□	□	□	□	□
AgCommand™ telematics system		□	□	□	□	□
Integrated moisture measurement		□	□	□	□	□
HayBoss preservative applicator		□	□	□	□	□

\* = sold according to legislation