

1.5 Wrapper characteristics

Table 1. Wrapper characteristics

No.	Detailed list	
1.	Type of vehicle	Bale Wrapper
2.	Manufacturer	METAL-FACH Sp. z o.o., 16-100 Sokółka, ul. Kresowa 62
3.	Type	Z312
4.	Trade name	Z237
5.	The location of the rating plate	The front part of the main frame of the machine
6.	Chassis type	Single axle
7.	The way of connecting with the tractor	Towed
8.	Connected with the tractor by	Hitch
9.	Length, mm	min. 3,040; max.: 3200
10.	Width, mm	min. 1630; max.: 1700
11.	Height, mm	min. 2380; max.: 2580
12.	No. of axes:	2 axle shafts
13.	Distance between the coupling point and the axle shafts, mm	min. 2355; max.: 2515
14.	Wheel track, mm	min. 1310; max.: 1390
15.	Drawbar eye diameter, mm	44
16.	Maximum tractor's hitch pressure, kN	4.2
17.	Machine weight, kg	850
18.	Maximum bale weight, kg	800
19.	Bale length, mm	1200
20.	Bale diameter, mm	1,000-1,200
21.	Tyres	23x8.50-12 76 A4
22.	Tyre pressure, bar	3.5
23.	Maximum service speed, km/h	10
24.	Maximum transport speed, km/h	40
25.	Tractor's pull class	0.9
26.	Minimum tractor's power, kW	30
27.	Required pressure in the tractor's hydraulic actuator system, MPa	14
28.	Recommended capacity of the tractor's pump, l/min	25
29.	Wrapper drive	Hydraulic from the tractor's power hydraulics
30.	Rotary frame drive	Hydraulic motor
31.	Max. rotary-frame speed, rpm	35

32.	Bale-loading method	Self-loading arm
33.	Bale-unloading method	Self-unloading unit
34.	Film cutting	Automatic, during unloading
35.	Film width, mm	500; 750
36.	Bale-wrapping time, min.	~2
37.	Number of operators	1 (tractor's operator)
38.	Wrapping counter	Electronic, type L-02
39.	Electrical-system voltage, V	12



CAUTION

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The maximum transporting speed of the Bale Wrapper is restricted by the speed index of the tyres fitted (Tab. 2) and shall not be higher than 40 km/h.

Table 2. Index indicated on tyres

Tyre marking	Max. allowed speed
A1	5 km/h
A2	10 km/h
A3	15 km/h
A4	20 km/h
A5	25 km/h
A6	30 km/h
A7	35 km/h
A8	40 km/h