

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	Z334
4.	Trade name	Z593
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. 5,250; max.: 5350
10.	Width, mm	min. 2350; max.: 2450
11.	Height, mm	min. 2450; max.: 2650
12.	No. of axes:	2 axle shafts
13.	Distance between the coupling point and the first axle, mm -	min. 4040; max.: 4100
14.	Wheel track, mm	min. 1700; max.: 2000
15.	Drawbar-eye diameter, mm	44
16.	Maximum tractor-hitch pressure, kN	2.5
17.	Machine weight, kg	1250
18.	Maximum bale weight, kg	800
19.	Bale length, mm	1200
20.	Bale diameter, mm	1,000-1,200
21.	Tyres	26.5/14.00-12
22.	Tyre pressure, bar	1.7
23.	Maximum service speed, km/h	10
24.	Maximum transport speed, km/h	40
25.	Tractor's-pull class	0.9
26.	Minimum tractor 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	Post-wrapping, automatic
35.	Film width, mm	500; 750
36.	Bale-wrapping time, min.	~2
37.	Number of operators	1 (tractor operator)
38.	Counter, wrapping	Electronic, type L-02
39.	Electrical-system voltage, V	12



CAUTION

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The maximum transport 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