

## 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	Z577
5.	The location of the rating plate	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. 4,030; max.: 4,770
10.	Width, mm	min. 2,350; max.: 2,500
11.	Height, mm	min. 21200; max.: 2,450
12.	No. of axes:	2 axle shafts
13.	Distance between the coupling point and the first axle, mm Right axle shaft, mm	min. 3,305; max.: 3,355 min. 3,640; max.: 369.0
14.	Wheel track, mm	min. 2,000; max.: 2,100
15.	Drawbar-eye diameter, mm	44
16.	Maximum tractor hitch pressure, kN	4.2
17.	Machine weight, kg	1,200
18.	Maximum bale weight, kg	800
19.	Bale length, mm	1,200
20.	Bale diameter, mm	1,000-1,200
21.	Tyres	10.0/80 – 12 10PR
22.	Tyre pressure, bar	3.5
23.	Maximum service speed, km/h	10
24.	Maximum transporting speed, km/h	40
25.	Tractor pull class	0.9
26.	Minimum tractor power, kW	30
27.	Required pressure in tractor hydraulic actuator system, MPa	14
28.	Recommended capacity of tractor 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 operator)
38.	Wrap 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 mounted (**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