

Power Consumption: Small-scale Material Recovery Facility (MRF).

POS.	DESCRIPTION	N°	POWER UNIT	TOTAL POWER
1	Bag Opener 1700 + buffer	1	30 + 1.1 kW	31.1 kW
2	Presorting – air classifier with light-fraction separator and dedusting unit	2	30 kW	60 kW
3	Ballistic Separator	1	11 kW	11 kW
4	Magnetic Separator	1	3 kW	3 kW
5	Eddy Current Separator	1	5.5 + 0.75 kW	6.25 kW
6	Optical Separator 3D 2800	1	4 + 5.5 kW	9.5 kW
7	Optical Separator ternary 3D 2800	1	4 + 5.5 kW	9.5 kW
8	Sorting Platform	3	10 kW	30 kW
9	Temporary storage boxes with conveyors	5	1.1 + 2.2 kW	29.3 kW
9.1	Temporary storage boxes with conveyors	4	1.1 + 3.3 kW	17.6 kW
10	Chain conveyor leading to baler 27000 x 1500mm	1	5.5 kW	5.5 kW
11	Belt conveyors	13	3 kW	39 kW
12	Belt conveyors long	4	4 kW	16 kW
13	Air compressor	1	26 + 26 kW	52 kW
14	Horizontal Baler	1	55 + 55 + 9.2kW	119.2 kW
	TOTAL APPROX.			439.35 kW