

SPR

ROTARY GRAIN SEPARATOR



Compact and reliable machine assuring excellent results in precleaning and cleaning of cereals.

High efficiency with the same surface than traditional sieve vibrating separators.

Electro-welded sheet steel sifting body, consisting of two sieve decks arranged with two different and opposite inclinations.

Transparent panels for direct inspection of the process.

The sieve configuration allows the product to run over the full surface of the lower sieve, improving the performance.

Cleaning of screens by rubber balls constantly moved by corrugated backwire.

The sieve locking devices allow easy sieve removal and are designed for quick screen replacement.

Driving group with motor, V-belt transmission and shaft with adjustable eccentric masses, to impart the rotary motion to the unit.

The body can be supported by eight flexible joints on a sturdy base frame or suspended by fiberglass reeds.

Upon request the separator can be equipped with air recirculating aspirator to eliminate dust and light particles.

The rotary grain separator is available in two configurations:

- leaning on the ground through legs and joints Rosta.
- suspended from independent structure by fiberglass reeds

As an option can be provided sieves in aluminium instead of wood.



Technical Information

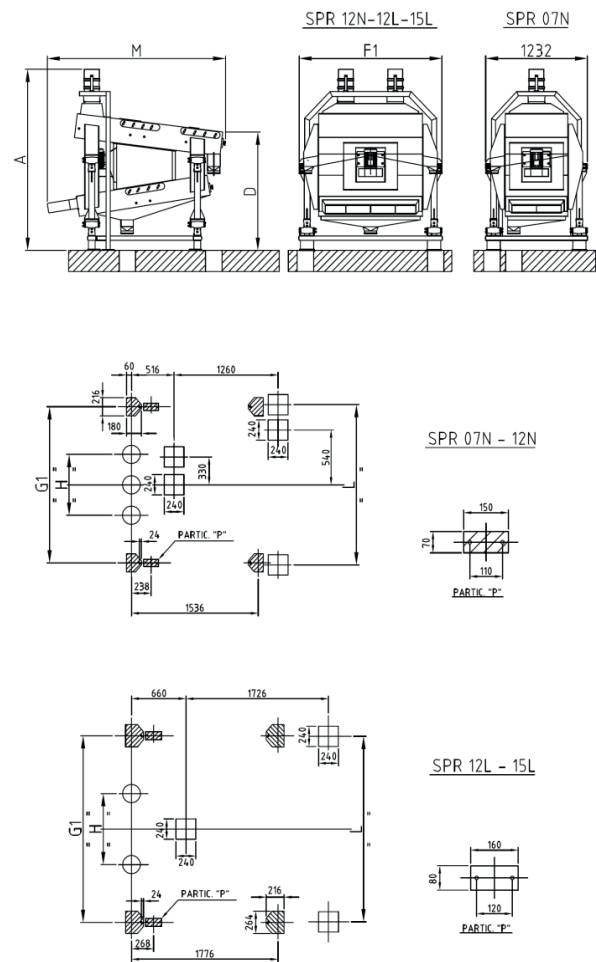
Model	Dimensions[mm]										Weight [kg]
	A	D	F1	F2	G 1	G2	H	L	M	Q	
SPR 07N	2143	1402	-	-	-	-	-	-	2158	526	640
SPR 12N			1732	1737	1540	1392	600	1580		1076	890
SPR 12L	2173	1370	1836	1737	1590	1402	600	1580	2655	1076	1030
SPR 15L			2086	1987	1840	1652	700	1830		1175	1150

Model	Maximum capacity [kg/h] *				Gross sifting surface [m ²]	Motor power [kW]		Air flow aspiration [m ³ /min]	Shipping volume [m ³]
	Wheat		Maize			50 Hz	60 Hz		
	Pre cleaning	Cleaning	Pre cleaning	Cleaning					
SPR 07N	35000	9000	28000	7200	2,232	1,1	1,3	7	6
SPR 12N	60000	14000	48000	11200	3,732			11	8
SPR 12L	80000	20000	60000	16000	4,970	1,5	1,75	11	10
SPR 15L	100000	24000	80000	20000	5,976	2,2	2,55	13	12

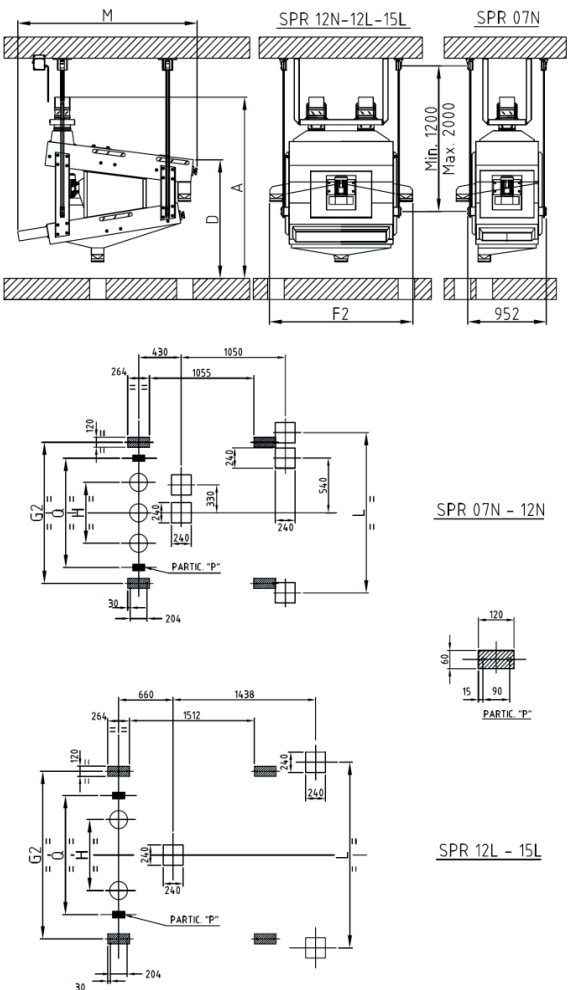
*Capacities are indicatives and referred to cereals with max. moisture of 12% and max. impurity of 3%

Technical features of the equipment can be modified without any obligation of notice. Data may be not fully in accordance with the market versions.

SPR leaning type



SPR suspended type





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