
































ROLLER TYPE	CROP TYPE	SPECIFIC WEIGHT (g/l)	CALIBRATION FACTOR ACCORDING TO NUMBER OF SECTIONS PER MOTOR (g/rev)								SCRAPER TYPE			TURBINE RPM		
			1	2	3	4	5	6	7	8				ASSEMBLY TYPE	PRESSURISED MACHINES	MACHINES WITH VENTURI
	WHEAT	770	27	54	81	108	135	162	189	216				T1	3500	4700
	BARLEY	680	24	48	72	96	120	144	168	192				T1	3500	4700
	LENTILS	880	31	62	93	124	155	186	217	248				T1	3500	4700
	PEAS	840	29	58	87	116	145	174	203	232				T2	3500	4700
	FERTILISER	1000	64	128	192	256	320	384	448	512				T2	3500	4700
	WHEAT	770	49	98	147	196	245	294	343	392				T1	3500	4700
	BARLEY	680	44	88	132	176	220	264	308	352				T1	3500	4700
	OATS	500	32	64	96	128	160	192	224	256				T1	3500	4700
	PEAS	840	54	108	162	216	270	324	378	432				T2	3500	4700
	FERTILISER	1000	83	166	249	332	415	498	581	664				T2	3500	4700
	WHEAT	770	64	128	192	256	320	384	448	512				T2	3500	4700
	BARLEY	680	56	112	168	224	280	336	392	448				T2	3500	4700
	OATS	500	42	84	126	168	210	252	294	336				T2	3500	4700
	PEAS	840	70	140	210	280	350	420	490	560						
	BEANS	740	61	122	183	244	305	366	427	488				T2	3500	4700
	TURNIPS	700	1	2	-	-	-	-	-	-				T3	3000	4100
	RAPE	650	1	2	-	-	-	-	-	-				T3	3000	4100
	CLOVER	770	1	2	-	-	-	-	-	-				T3	3000	4100
	TURNIPS	700	1	2	-	-	-	-	-	-				T3	3000	4100
	RAPE	650	2	4	-	-	-	-	-	-				T3	3000	4100
	CLOVER	770	2	4	-	-	-	-	-	-				T3	3000	4100
	TURNIPS	700	2	4	-	-	-	-	-	-				T3	3000	4100

CALIBRATION PROCEDURE

- 1 Enter the sowing dose and the desired working speed on the monitor. (See the calibration section in the DRILL-Controller manual)
- 2 Choose the roller type according to the crop to be sown.
- 3 Select the number of rollers associated with the machine's motors to obtain the calibration factor.
 - The calibration factor will be given by the number of rollers driven by each motor in the machine. (Machines with two motors on the same distributor will have 2 equal calibration factors).
 - The same number of rollers shall be mounted discharging into each outlet/transport tube under the metering unit (machines with double outlet shall have an even number of rollers).

Example to get started

- Case A: For seeds such as wheat, barley, oats... for a dose of 200 kg/ha, a working speed of 10 km/h, a working width of 6 m and only 1 motor, take the calibration factor of 4 black rollers.
- Case B: For rapeseed type seeds... for a dose of 3 kg/ha, a working speed of 10 km/h, a working width of 6 m and 1 motor only, take the calibration factor of 2 grey rollers.

See arrangement of the rollers and the value of the calibration factor to be entered according to the machine configuration of the first case above, for wheat.



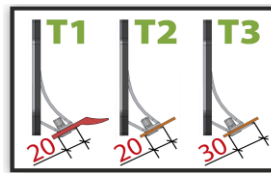
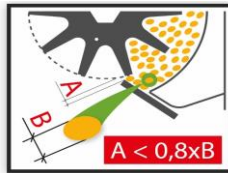
- 4 Enter the calibration factor value on the monitor according to the type and number of rollers chosen in the table.
- 5 Check the desired working speed with the maximum and minimum values of the calibration data:
 - The minimum speed value should be between 0.5 and 2 km/h.
 - The value of the desired working speed should be higher than half of the maximum speed indicated on the monitor.

IF THE SPEED VALUE DOES NOT MEET THE TWO CONDITIONS OF POINT 5, GO BACK TO POINT 3

- If the value of the minimum speed is above 2 km/h, the number of rollers must be reduced or switch to rollers with lower volume.
- If the value of the maximum speed is below the desired working speed, we should increase the number of rollers or switch to rollers with a larger volume.

IF THE SPEED VALUE FULFILLS THE TWO CONDITIONS OF POINT 5 CONTINUE WITH POINT 6

- 6 Install the selected number of rollers in the metering unit of the machine.
- 7 Adjust the scraper of the metering unit of the machine according to the type of seed to be sown. See photos below: scraper adjustment and type of mounting.



- The distance A must always be greater than 0 and less than 0.8 times the measurement of the smaller side of the seed.
- In case of leakage at the metering unit, reduce the distance A.
- In case of motor fuse breakage, increase the distance A without exceeding 0.8xB (to avoid leakage).

- 8 Perform the calibration test to adjust the calibration factor of the seed to be sown (see calibration section in the DRILL-Controller manual).
- 9 Repeat at least twice the calibration test to ensure the value.

CAUTION:

PERFORM THE CALIBRATION TEST EACH TIME ANY OF THE SET PARAMETERS ARE CHANGED.