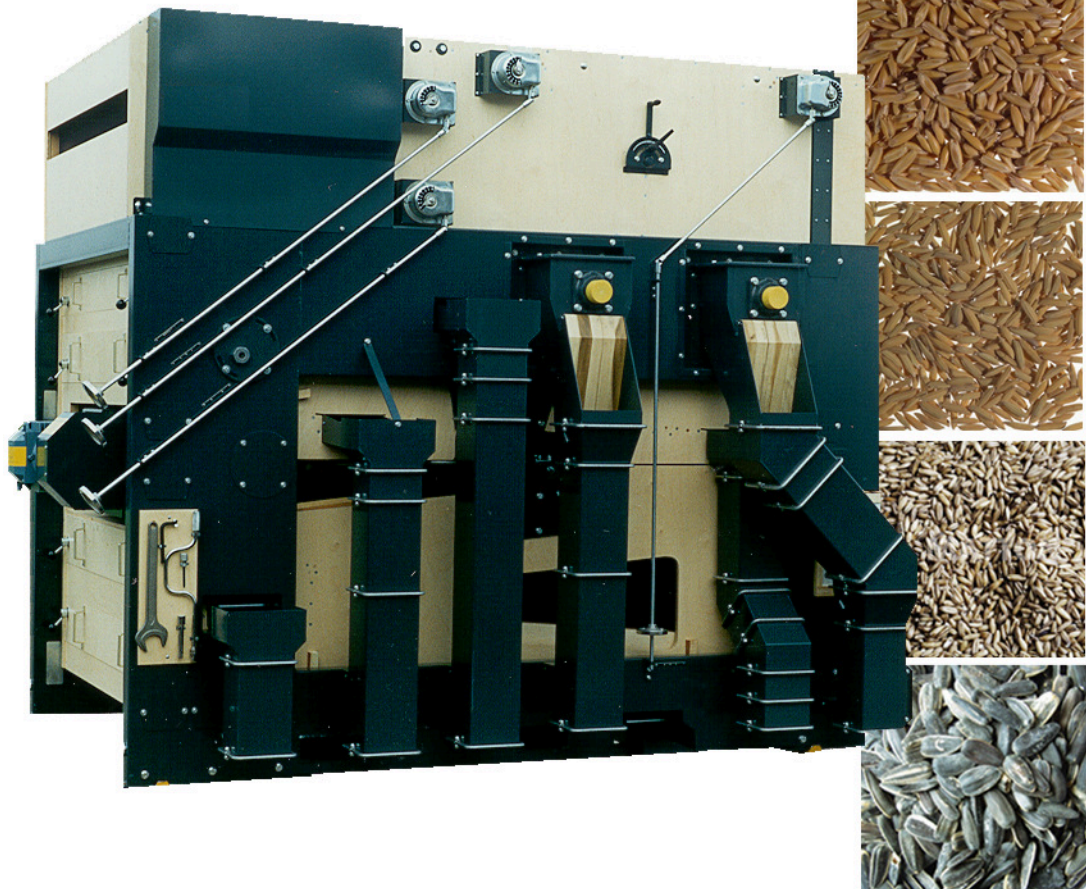


GTR Fine Cleaners

The screens can be utilized for scalping, fine cleaning or grading according to requirement. Screen cleaning is achieved with the well proven "rubber ball system". Both screen boats are oscillated via a central eccentric system producing a 100 pct balanced motion. The drive can be supplied either with manual or frequency control unit.



Type ¹	Capacity			Screen	Motors		Aspiration	Dyn. Loads		Weight net	Weight gross	Volume
	Paddy	Seed grain	Wheat (ind. clean.)		Feed	Screen		P _H +/-	P _V +/-			
	t/h	t/h	t/h	m ²	kW	kW	m ³ /h	N	N	t	t	m ³
GTR 12	1,5	2,5	5,0	3	1,1 ²	1,5	4200	200	1000	1,3	1,5	9
GTR 14	3,0	5,0	12,0	7	1,1 ²	2,2	8200	300	1600	1,9	2,3	13
GTR 15	4,5	7,5	20,0	10	1,1 ²	3,0	9800	700	1200	2,1	2,5	15
GTR 16	7,0	10,0	25,0	15	1,1 ²	4,0	11000 ³	1100	2450	2,7	3,2	21
GTR 17	12,0	20,0	30,0	18	1,1 ²	5,5	11000 ³	1850	2750	2,8	3,3	24
GTR 18	15,0	25,0	45,0	24	1,1 ²	5,5	11000 ³	2400	3600	3,5	4,0	28
GTR 19	30,0	45,0	80,0	38	1,5	11,0	3000 ⁴	1600	7500	8,0	8,5	39

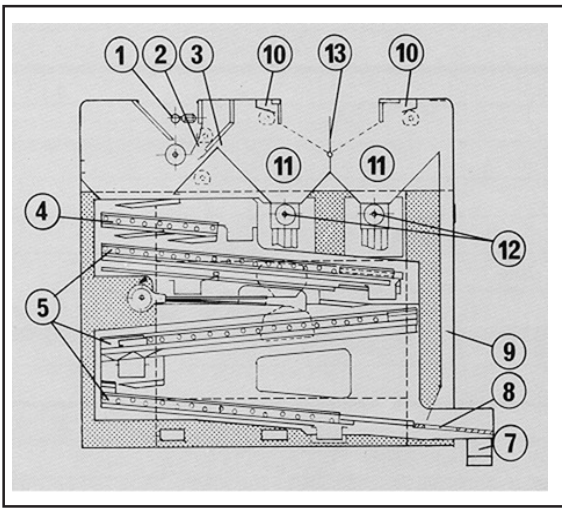
The capacity depends on the waste quantity and the moisture content

¹ other types on request

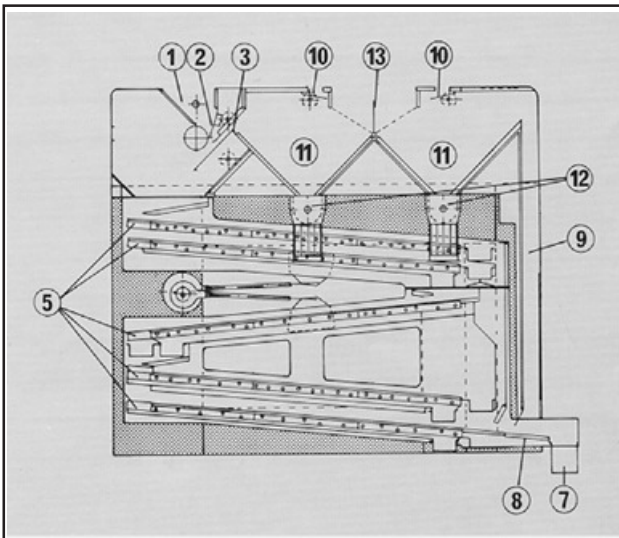
² optional

³ can be delivered with closed circuit re-circulating pre- and after suction system reducing necessary air volume for aspiration to approx. 20 %

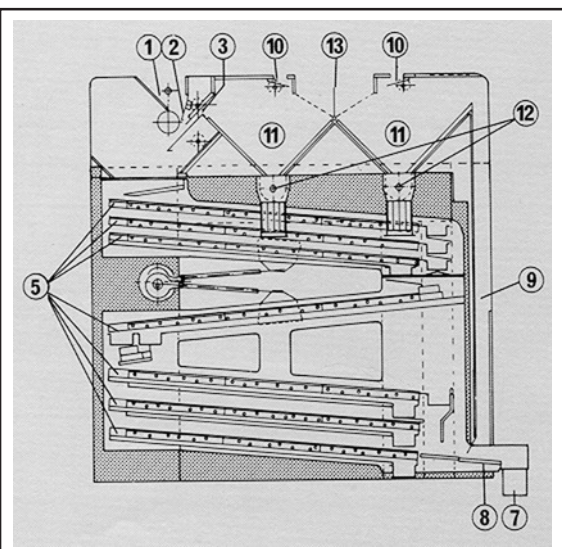
⁴ with re-circulation as standard



Type GTR 14



Type GTR 16



Type GTR 18

1. Inlet

The agitator in conjunction with the ribbed feeding roller continuously feeds the material to be cleaned to the pre-suction system and disperse it in a uniform flow over the entire width of the scalping screen. The highly effective presuction system extracts light impurities from the material directly under the feeding roller. The extracted waste, dust and light weight trash is deposited in one of the two separate expansion chambers.

2. Feed Valve

3. Pre-suction system

The aspiration opening of the pre-suction channel is adjustable thus permitting a variable air velocity.

4. Included in 5

5. Screens

The screens can be utilized for scalping, fine cleaning or grading according to requirement. Screen cleaning is achieved with the well proven "rubber ball system". Both screen boats are oscillated via a central eccentric system producing a 100 pct balanced motion. The drive can be supplied either with manual or frequency control variator unit.

6. (has been dropped)

7. Outlet for Cleaned Product

8. Air screen

9. After-Suction Channel

10. False Air Intake

For controlling the air quantity in both the pre- and after-suction system.

11. Expansion Chamber

12. Screw Conveyor(s)

With multiflaf air lock system.

13. Air divider Shutter (suction point)

After suction system

After screen cleaning, the material is fed over the air screen (8), where light weight particles are "air separated" and conveyed in the after suction channel (9) to the expansion chamber (11). The products separated in the expansion chambers are discharged by two screw conveyors (12) which are equipped with a multiple air lock system to prevent ingress of air, i. e. false air.

Operation

All shutters and air valves are adjusted and controlled from the sacking off side of the machine using worm adjusting devices with dial plates at an easily accesible operational height.