

AJV-ENGINEERING Oy

Mechanical Thickeners



GRB-SERIES

TECHNICAL DATAS

| TYPE | GRB 700 | GRB 1100 | GRB 1600 | GRB 2100 | GRB 2600 |
|-------------------------------------|--------------------------|-----------------|-----------------|-----------------|-----------------|
| Length, mm | 4000 | 4000 | 4000 | 4000 | 4000 |
| Width, mm | 1100 | 1500 | 2000 | 2500 | 3000 |
| Height, mm | 1200 | 1200 | 1200 | 1200 | 1200 |
| Effective Belt area, m ² | 2,4 | 3,7 | 5,5 | 7,2 | 8,9 |
| Belt speed, m/min | 0,8 - 4,0 or tailor made | | | | |

| Washwater | GRB 700 | GRB 1100 | GRB 1600 | GRB 2100 | GRB 2600 |
|--------------------------------|----------------|-----------------|-----------------|-----------------|-----------------|
| consumption, m ³ /h | 1,9 | 3,0 | 4,3 | 5,6 | 7,0 |
| required pressure, bar | 5 - 6 | | | | |
| fitting size | NS 32 | | | | |

| Pressure air | GRB 700 | GRB 1100 | GRB 1600 | GRB 2100 | GRB 2600 |
|--------------------------------|----------------|-----------------|-----------------|-----------------|-----------------|
| consumption, m ³ /h | 0,2 | | | | |
| required pressure, bar | 8 | | | | |

| Drive motor | GRB 700 | GRB 1100 | GRB 1600 | GRB 2100 | GRB 2600 |
|--------------------|----------------|-----------------|-----------------|-----------------|-----------------|
| power, kW | 0,37 | 0,37 | 0,37 | 1,1 | 1,1 |
| rpm | 1,8 - 8,8 | | | | |

Materials

| | |
|----------|----------------------|
| Frame | Stainless steel |
| Rollers | Stainless steel |
| Shafts | Stainless steel |
| Trays | Stainless steel |
| Bearings | Merchantable quality |

Typical applications

are:

- * domestic sewage treatment plants
- * food processing industry
- * textile industry
- * tanneries
- * pulp and paper industry

We have delivered our equipment

to clients in:

- * Europe
- * The Far East
- * Eastern Europe
- * Russia
- * Africa
- * South America
- * North America
- * Asia

GT Gravity Tables have been designed for sludges solids content from 0,1% to 1,5 % DS.

Thickened sludge concentration is typically from 5% to 7% DS.

As an optional extra GT Gravity Tables can be equipped with ploughs and pressure plate or roller.

It is possible to reach even from 10% to 12% dry solids with using extra equipment.

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