

P RTP/A

■ Circumferential Drive Travelling Bridge



VI.I MACHINE DESCRIPTION

The vacuuming scraping travelling bridge with peripheral traction is installed in concrete circular sedimentation basins with flat bottoms.

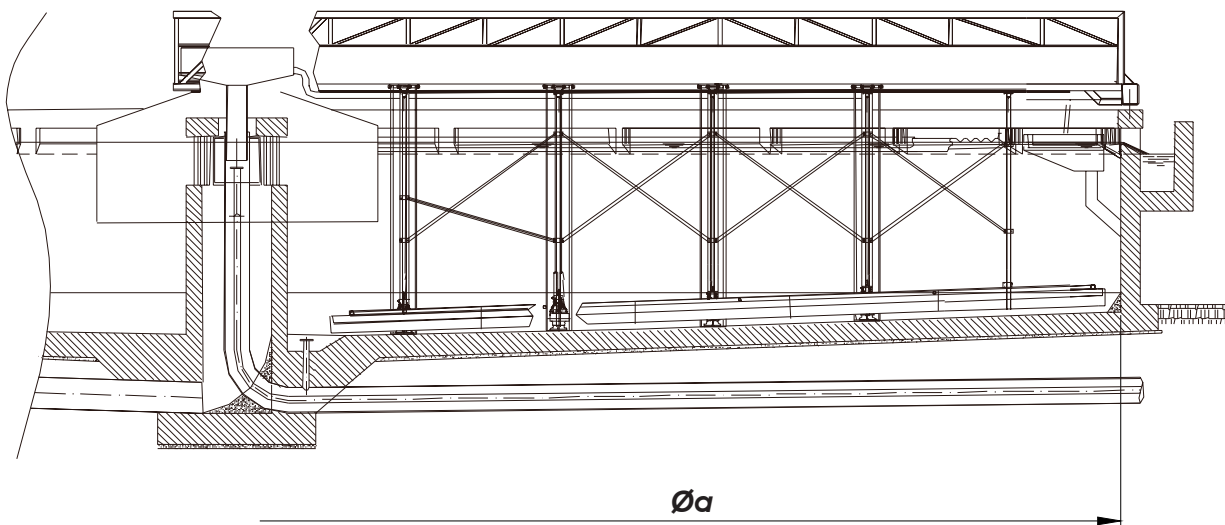
The influent is centrally fed, where an cylinder baffle plate distributes it uniformly.

Floatating solids are removed through the circumferential Thomson profile.

The settled sludge is conveyed, by convergent bottom scrapers and pumps for collection.

Suspended and floating solids are removed by a surface scraper, attached to the rotary bridge, than conveyed in a collection tank (scum-box) located on the inner perimeter of the tank.

VI.II TECHNICAL DATA

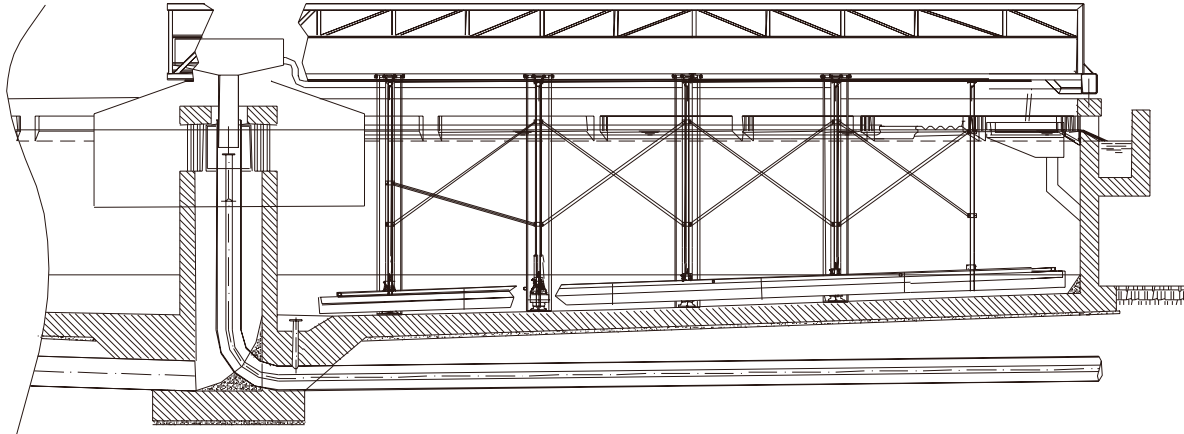


	P RTP/A 100	P RTP/A 120	P RTP/A 140	P RTP/A 160	P RTP/A 180	P RTP/A 200	P RTP/A 220	P RTP/A 240	P RTP/A 260	P RTP/A 280	P RTP/A 300
Øa - (m)	10	12	14	16	18	20	22	24	26	28	30
Advanced speed (m/min.)	from 1 to 3	from 1 to 3	from 1 to 3	from 1 to 3	from 1 to 3	from 1 to 3	from 1 to 3	from 1 to 3	from 1 to 3	from 1 to 3	from 1 to 3
Installed power - (kW)	1.28	1.28	1.28	1.28	1.5	1.5	1.5	1.5	2.0	2.0	2.0

n.b.: the manufacturer may modify some dimensions or sizes without prior information!

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VI.III SUPPLY COMPONENTS



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Structure made of tubular profiles, painted or galvanized carbon steel

Vacuum device are manufactured from galvanized piping

Scraping undercarriage in carbon steel (painted or galvanized) to double axis with wheels in cast iron covered in wear-resistant self-lubricating rubber or polyurethane and bearings

Waterproof gearmotor

Galvanized grating walkway complete of parapet and handrail made of carbon steel (painted or galvanized)

Convergent bottom scraping blades with wear-resistant rubber pads connected to the rotary bridge with tubular profiles

Surface scraper made of stainless steel AISI 304

Central axial bearing and support

Rotary electric contact for power connection

Perimetral Thomson weir made of stainless steel AISI 304

VI.IV ACCESSORIES

- AISI 304 stainless steel construction;
- AISI 304 wetted parts construction;
- Submersible pumps.