

DRUM THICKENER

Manufacturer:	PAPCEL
Type:	OK 4000
Drum dimensions:	diam. 1 915 x 4 000 mm
Input consistency:	0,5 – 2,0 %
Output consistency:	5,0 – 9,0 %
Capacity:	
Pulp 15°SR	125 – 200 tpd
Groundwood pulp 45°-50°SR	60 – 140 tpd
Waste paper 30°SR	80 – 170 tpd

The drum thickeners are developed for thickening of fibre stock in the pulp and paper industry, that means the dewatering of pulp, groundwood pulp, waste paper, rag stock etc.

The thickeners fitted with pick-up roll type. OK are used especially for continuous thickening under steady inlet conditions. The machine capacity depends on the kind and primarily on the dewatering rate or freeness of the fibre stock and its inlet consistency. The line OK covers the output area from 15 to 250 tpd under type of fibres.

The screen drum covered by coagulation screen PESOS is during operation uncontinuously cleaned by spray water from showers with flat beam. Spray tube is provided with wire clearing brush so it is possible to use the water with content of insoluble material up to 100 mg/l. The consumption of the spray water is 40 – 70 l/min for 1 m of the tube, that is 160 – 280 l/min in this case.

Measures of thickener OK 4000:

mm												
A	B	C	D	D1	D2	D3	F	G	H	I	J	L
6443	2975	2830	1915	300	250	150	530	1150	4400	1250	2300	4000



