



## OK-R and OK-U Outotec flotation cells

### Optional cells for smaller tank volumes

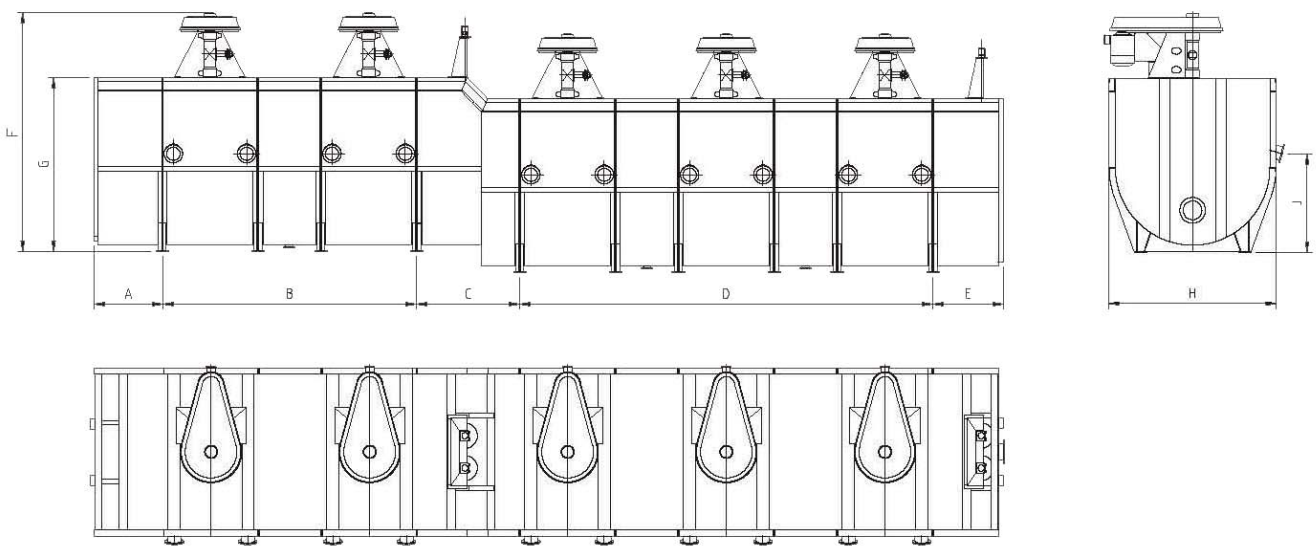
The conventional Forced-Air Outotec flotation cells – OK-R and OK-U – include most of the features of the advanced Outotec TankCell® units. They are optional to TankCell® units especially for smaller tank volumes (less than 38 m<sup>3</sup>). The OK-R and OK-U cells operate successfully as roughers, scavengers and cleaners.

Standard OK-U cells (from 8 to 38 m<sup>3</sup>) have internal transversal launders for effective and fast froth handling, and a U-shaped cross section to minimize sanding. Smaller OK-R cells (from 0.5 to 5 m<sup>3</sup>) have one-sided longitudinal launders and a rectangular cross section.

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### Specifications of OK-U units

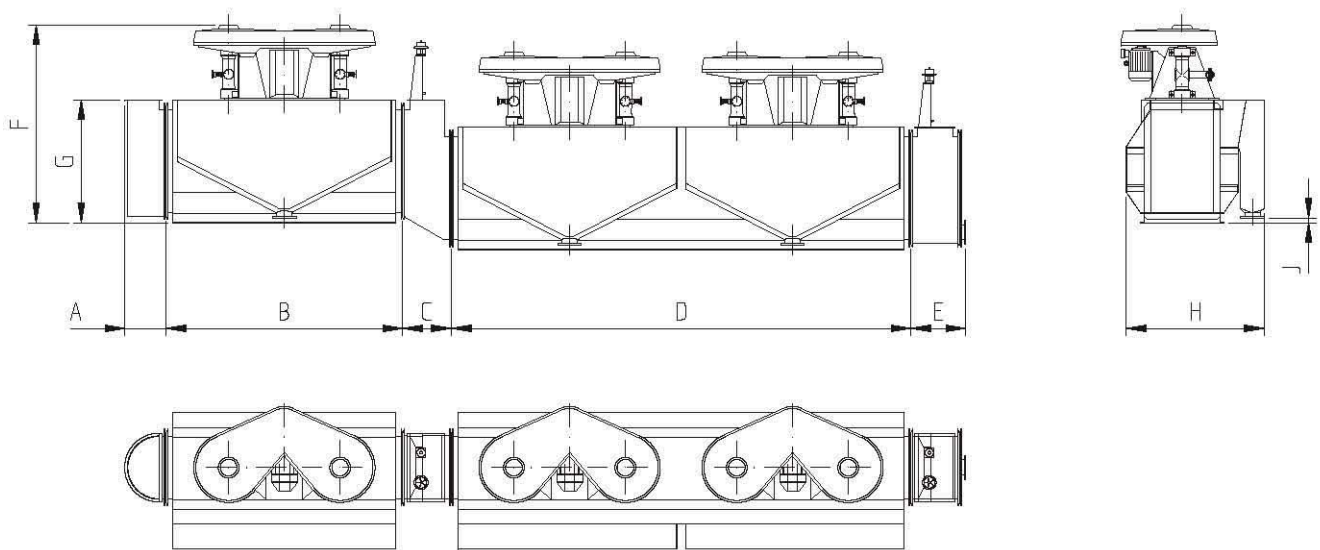
	Effective volume/ cell (m <sup>3</sup> )	A	B	C	D	E	F	G	H	I
OK-38	38	1 160	6 110	2 470	9 920	1 700	5 700	4 150	4 010	2 350
OK-16	16	995	4 900	1 490	7 700	1 065	4 325	3 070	3 060	1 760
OK-8	8	820	4 290	1 100	6 310	940	3 565	2 420	2 458	1 370



	Weight kg		Motor		Flotation air	
	2U-tank	Drive mechanism	Installed kW	Consumption kw	Min. pressure at air shaft kPa	Consumption/ mechanism m <sup>3</sup> /min
OK-38	6 760	2 800	55-90	35-80	32	8-15
OK-16	3 720	1 590	30-45	15-40	24	3-9
OK-8	2 370	1 080	15-37	8-28	20	2-5

## Specifications of OK-R units

	Effective volume/ cell (m <sup>3</sup> )	A	B	C	D	E	F	G	H	J
OK-5	5	590	3 920	700	7 630	790	3 155	2 085	2 255	70
OK-3	3	590	3 420	700	6 630	790	2 845	1 770	2 000	70
OK-1.5	1.5	500	2 775	500	5 300	500	2 215	1 300	1 570	50
OK.0.5	0.5	205	1 900	n/a	3 700	265	1 650	1 005	1 120	50



	Weight kg		Motor		Flotation air	
	2R-tank	4R-tank	Installed kW/shafts	Consumption kw/shaft	Min. pressure at air shaft kPa	Consumption/ mechanism m <sup>3</sup> /min
OK-5	1 770	3 250	15-22	6-10	16	3-5
OK-3	1 620	2 950	11-15	4-7	13	2-4
OK-1.5	680	1 090	5.5-7.5	1.5-3.5	9	1-2
OK-0.5	240	490	2.2-4.0	0.5-1.5	7	1

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