OUTOTEC FLOTATION TANKCELL® e-SERIES

Outotec TankCell flotation units provide superior metallurgical performance based on forced air technology, and are easy to operate while allowing a flexible layout. Our solutions are designed to maximize your return on investment by enabling gains in throughput, grade, and recovery, while also improving the sustainability of your process and minimizing its environmental impact.

The industry-leading Outotec TankCell range provides the world's best flotation performance and offers the widest range of cell sizes on the market, from 5 to 630 m^3. Our cells provide superior performance across all duties in rougher, scavenger, and cleaner circuits. Based on in-depth test work, we can design a tailor-made flotation circuit for your plant that will deliver optimized cell volume, froth carry rate, and residence time.

BENEFITS

- Superior metallurgical performance for all flotation applications
- Improved availability and increased capacity
- Easier operation and maintenance
- Lower maintenance costs and reduced spares turnover
- Reduced energy consumption and smaller plant footprint
- Less auxiliary equipment required

TYPICAL TECHNICAL SPECIFICATIONS*

	EFFECTIVE VOLUME		DRIVE TYPE	INSTALLED POWER		AIR FEED PER SHAFT		AIR PRESSURE IN CELL	
	m^3	ft^3		kW	HP	Am^3/min	ACFM	kPag	psig
TankCell e5	5	176	V-belt	11	15	2	75	20	2,9
TankCell e10	10	352	V-belt	22	30	4	149	25	3,6
TankCell e20	20	705	V-belt	37	50	6	224	31	4,5
TankCell e30	30	1 057	V-belt	45	60	8	298	36	5,3
TankCell e50	50	1 762	V-belt	55	75	13	484	34	5,0
TankCell e70	70	2 467	V-belt	75	100	18	671	36	5,2
TankCell e100	100	3 525	V-belt / Gear	110	150	24	894	39	5,7
TankCell e130	130	4 582	V-belt / Gear	132	200	28	1 043	45	6,6
TankCell e160	160	5 639	Gear	160	200	32	1 192	47	6,9
TankCell e200	200	7 049	Gear	185	250	36	1 341	52	7,6
TankCell e300	300	10 574	Gear	250	350	42	1 565	65	9,4
TankCell e500	500	17 623	Gear	400	550	58	2 161	63	9,2
TankCell e630	630	22 248	Gear	500	700	73	2 720	66	9,6

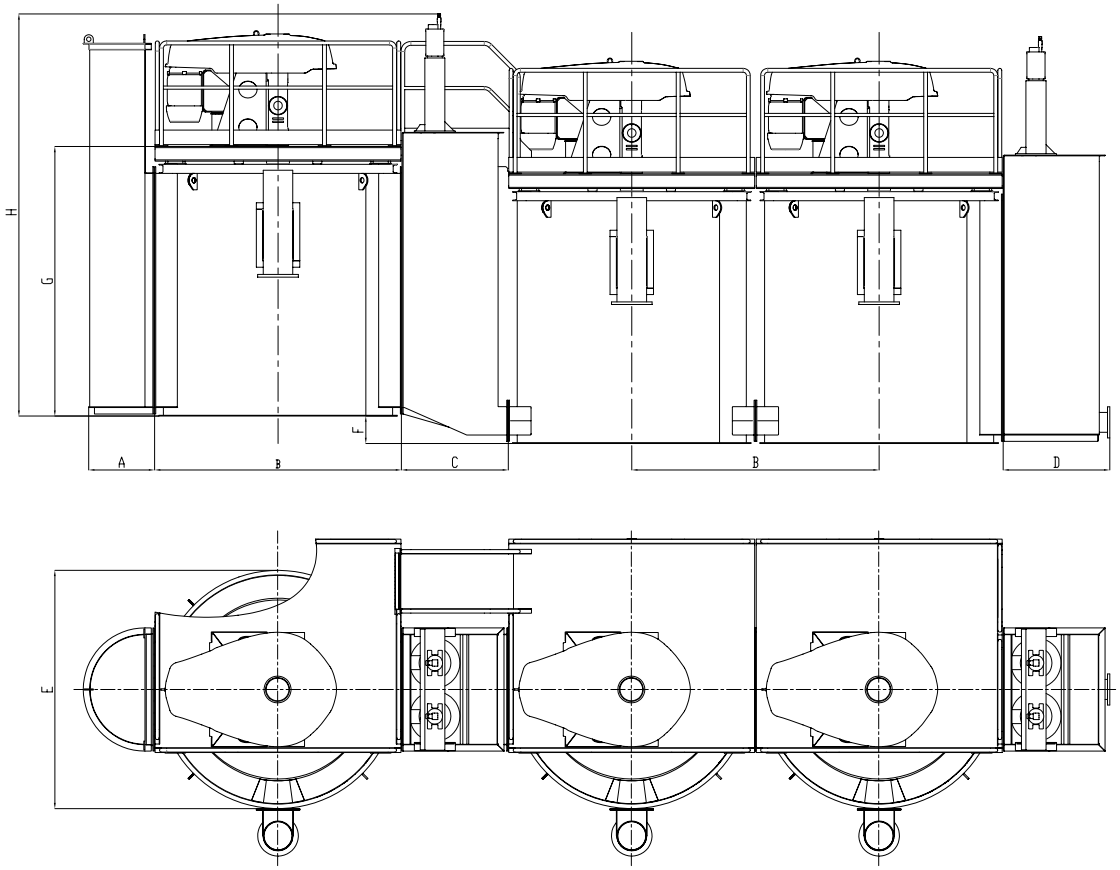
* Values are subject to variations. Applicable up to 1.4 pulp s.g. and normal site conditions (1000 m, -5 to +40°C).

TYPICAL MAIN DIMENSIONS*

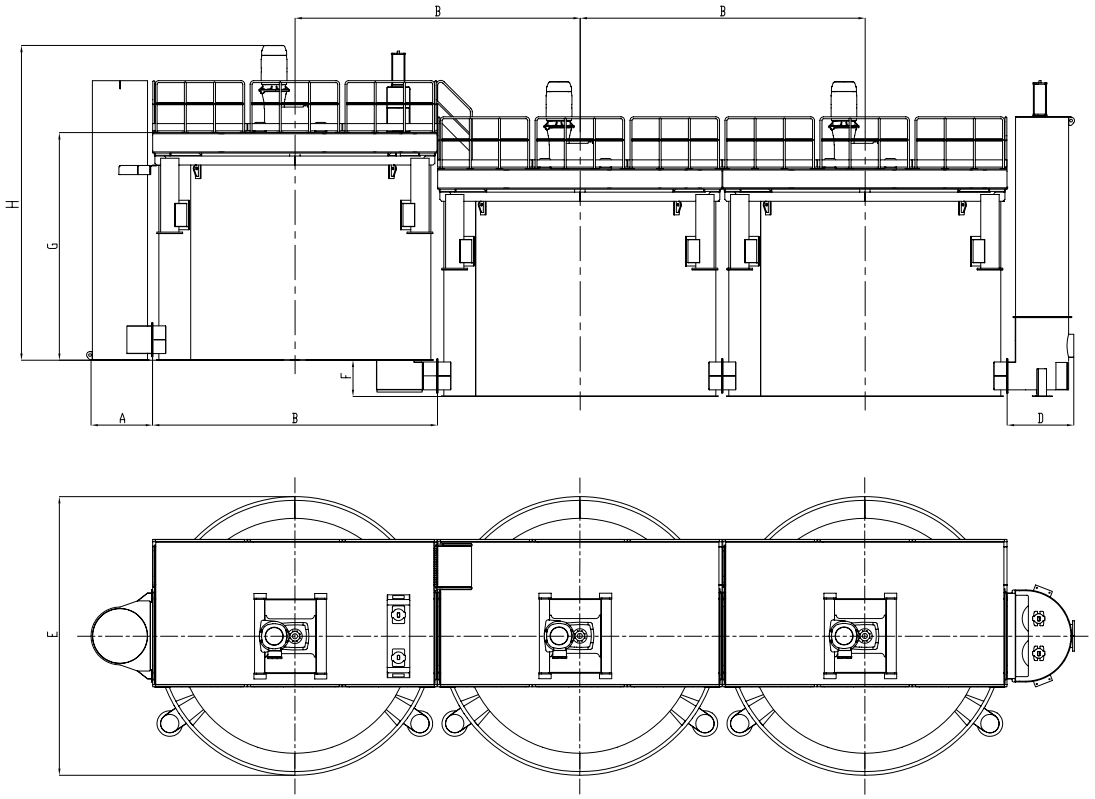
	A	B	C	D	E	F	G	H
	mm	mm	mm	mm	mm	mm	mm	mm
TankCell e5	750	2 210	1 200	1 200	2 100	300	2 450	3 650
TankCell e10	750	2 710	1 200	1 200	2 600	300	3 000	4 250
TankCell e20	1 000	3 310	1 200	1 200	3 200	400	3 650	5 200
TankCell e30	1 400	3 910	-	1 200	3 700	400	4 250	5 900
TankCell e50	1 400	4 900	-	1 500	4 700	600	4 250	6 000
TankCell e70	1 500	5 600	-	1 500	5 400	800	4 600	6 450
TankCell e100	1 500	6 300	-	1 500	6 100	800	5 050	7 000
TankCell e130	1 500	6 700	-	1 500	6 500	800	5 600	7 550
TankCell e160	1 450	7 200	-	1 500	6 900	800	5 950	8 000
TankCell e200	1 400	7 600	-	1 500	7 300	800	6 200	8 250
TankCell e300	2 100	8 500	-	1 950	8 100	800	7 600	10 250
TankCell e500	2 200	10500	-	1 950	10 100	1 000	7 900	10 300
TankCell e630	2 300	12 000	-	2 150	11 100	1 200	8 200	11 400

* Values are subject to variations.

OUTOTEC TANKCELL e5...e30



OUTOTEC TANKCELL e50...e630



Finland, September, 2016

Outotec provides leading technologies and services for the sustainable use of Earth's natural resources. As the global leader in minerals and metals processing technology, we have developed many breakthrough technologies over the decades for our customers in metals and mining industry. We also provide innovative solutions for industrial water treatment, the utilization of alternative energy sources and the chemical industry. Outotec shares are listed on NASDAQ OMX Helsinki. **www.outotec.com**

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