

FILTRATION_{LLC}

1000 FILTER CHASSIS CAPACITIES:

Weights are given for different length of the filter chassis without frames or plates.
 Frame and plate weights and volumes are given for different types and material of construction.
 The filters chassis are all clad in 304 or 316 stainless steel.

Filtration speed:	Beer:	Wine & Fruit Juice:
D.E. filtration: 3,0 - 3,5 hl/h/m ²	(0.28 - 0.32 bbl/h/ft ²)	10 hl/hm ²
Polishing filtration: 1,5 hl/h/m ²	(0,14 bbl/h/ft ²)	7 - 8.5 hl/h/m ²
Sterile filtration : 1,0 - 1.2 hl/h/m ²	(0.09 - 0.11 bbl/h/ft ²)	3 - 4.5 hl/h/m ²

NIRO 1000 CHASSIS CAPACITIES, (8 bar maximum working pressure)

TYPE FILTER:	SHEET FILTER				KOMBI - FILTER			D.E. FILTER	
CHASSIS:	HFK	SHEET	S.S.	SHEET	F/P - P	D.E.	SHEET	F/P	D.E.
SIZE		m ²		m ²		m ²	m ²		m ²
NIRO 1000/85	131	125.0	100	95.0	13/12 - 59	24.7	57.0	29/28	55.1
NIRO 1000/100	157	150.1	120	114.0	15/14 - 69	28.5	66.5	36/35	68.4
NIRO 1000/125	193	185.0	150	143.0	20/19 - 93	38.0	89.3	45/44	85.5
NIRO 1000/150	233	224.0	184	175.0	24/23 - 111	45.6	106.4	54/53	102.6
NIRO 1000/175	269	258.0	214	203.0	28/27 - 129	53.2	123.5	63/62	120.0
NIRO 1000/200	309	297.0	244	232.0	33/32 - 153	62.7	146.0	73/72	138.7
NIRO 1000/215	331	318.0	260	247.0	35/34 - 163	66.5	155.8	78/77	148.2
NIRO 1000/250	379	364.0	304	289.0	42/41 - 195	80.0	186.2	91/90	173.0
NIRO 1000/300	-	-	360	342.0	50/49 - 233	95.0	222.3	108/107	205.0

FILTER CHASSIS DIMENSIONS AND WEIGHT:

CHASSIS:	Width		Height		Weight	Length with Ram stroke		Side Bar	Ram Force	
	mm	Low mm	High mm.	kg	1,400 mm	1,800 mm	Legs		Set	Max.
NIRO 1000/85	1,310	1,930	2,380	8,500	5,415	5,815	-		Close	Close
NIRO 1000/100	1,310	1,930	2,380	8,600	5,765	6,165	-		Force	Force
NIRO 1000/125	1,310	1,930	2,380	8,700	6,265	6,865	1		560	1,145
NIRO 1000/150	1,310	1,930	2,380	8,800	6,815	7,215	1		kN	kN
NIRO 1000/175	1,310	1,930	2,380	8,900	7,315	7,715	1			
NIRO 1000/200	1,310	1,930	2,380	9,000	7,865	8,265	2		Ram	Ram
NIRO 1000/215	1,310	1,930	2,380	9,100	8,165	8,565	2		Press.	Press.
NIRO 1000/250	1,310	1,930	2,380	9,400	-	9,365	2		260	450
NIRO 1000/300	1,310	1,930	2,380	9,600	-	10,365	3		bar	bar

FILTER FRAMES & PLATES; DIMENSIONS, WEIGHT AND CAPACITIES:

MATERIAL:	Weight	Volume	Dry D.E.	Area	Single	Sheet Weight	Double		
	mm	kg.	L.	kg.	m ²	D. kg	W. kg.	D. kg.	W. kg.
Stainless HFK	9.0	11.5	4.40	-	0.95				
Stainless	13.0	23.0	7.91		0.95				
Stainless D.E.	13.0	11.8	9.91	2.933	1.90				
Stainless D.E.	40.0	21.5	40.1	9.025	1.90				
Diversion Plat.	230.0			-	0.95				