

# FILTRATION<sub>LLC</sub>

## 600 FILTER CHASSIS CAPACITIES:

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

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

### **NIRO 600 (Admiral) CHASSIS CAPACITIES, (8 bar maximum working pressure)**

TYPE FILTER:	SHEET FILTER				KOMBI - FILTER			D.E. FILTER	
CHASSIS:	HFK	SHEET	PPN	SHEET	F/P - P	D.E.	SHEET	F/P	D.E.
SIZE		m <sup>2</sup>		m <sup>2</sup>		m <sup>2</sup>	m <sup>2</sup>		m <sup>2</sup>
NIRO 650	69	23.1	49	16,5	8/7-31	5.4	10.9	16/15	10.8
NIRO 600/100	139	46.2	99	33,0	16/15-63	11.0	21.7	30/29	19.8
NIRO 600/150	199	66.0	149	49,5	24/23-95	16.3	32.6	45/44	29.7
NIRO 600/200	249	82.5	199	66,0	33/32-131	22.4	45.0	60/59	39.6
NIRO 600/250	299	99.0	249	82,5	42/41-167	28.6	57.1	75/74	49.5
NIRO 600/300	349	115.2	299	99,5	-	-	-	90/89	59,4

### **FILTER CHASSIS DIMENSIONS AND WEIGHT:**

CHASSIS:	AUTO HYDRAULIC			MANUAL SPINDLE		Set	Maximum
	HEIGHT	WIDTH	LENGTH	WEIGHT	LENGTH		
	mm.	mm	mm	kg	mm		
NIRO 650	1,450	1,120	2,780	930	2,630	Closing	Closing
NIRO 600/100	1,450	1,170	4,010	990	3,550	Force	Force
NIRO 600/150	1,450	1,200	4,960	1,050	4,490	250 kN	425 kN
NIRO 600/200	1,450	1,250	6,379	1,130	5,500	Hydraulic	Hydraulic
NIRO 600/250	1,450	1,300	7,340	1,230	6,470	Pressure	Pressure
NIRO 600/300	1,450	1,350	8,320	-	-	260 bar	450 bar

### **FILTER FRAMES & PLATES; DIMENSIONS, WEIGHT AND CAPACITIES:**

MATERIAL:	WEIGHT		VOLUME DRY D.E. AREA			SINGLE		DOUBLE	
	mm	kg.	L.	kg.	m <sup>2</sup>	D. kg	W. kg.	D. kg.	W. kg.
HFK Plate	9.0	5.0	1.40		0.34				
HFK T-Frame	9.0	3.7	2.90	0.88	0.68				
Stainless D.E.	40.0	9.4	13.10	3.8	0.66				
PPN	14.5	3.2	1.00		0.34				
PPN	14.5	3.2	1.00		0.34				
Noryl	14.0	5.0	1.40		0.31				
HFK OD T-Frame	9.0	3.7	3.00	0.84	0.63				
Stainless OD D.E.	40.0	9.4	13.0	3.0	0.63				
Diversion Plate	80.0			-	0.34				