

# Technical Data / Reference

## INDUSTREX M37 Plus

### NDT – Filmprocessor



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**Technical Specifications**

Processing applications:	Rolls and cut sheets of all commonly used industrial X-ray films
Film thickness:	0.10–0.18 mm (4–7 mil)
Film width:	min. 6 cm max. 43 cm
Film length:	min. 10 cm

**Capacities**

Time in Developer (sec)	Cycle Time (dry to dry) (sec)	Intake Speed (cm per min)
29		82
110	113	22
170	427	14
	659	

**Tank Capacity Wash Water**

Developer	Fixer	Wash Water
		6.5 L
7.0 L including filter	6.5 L	

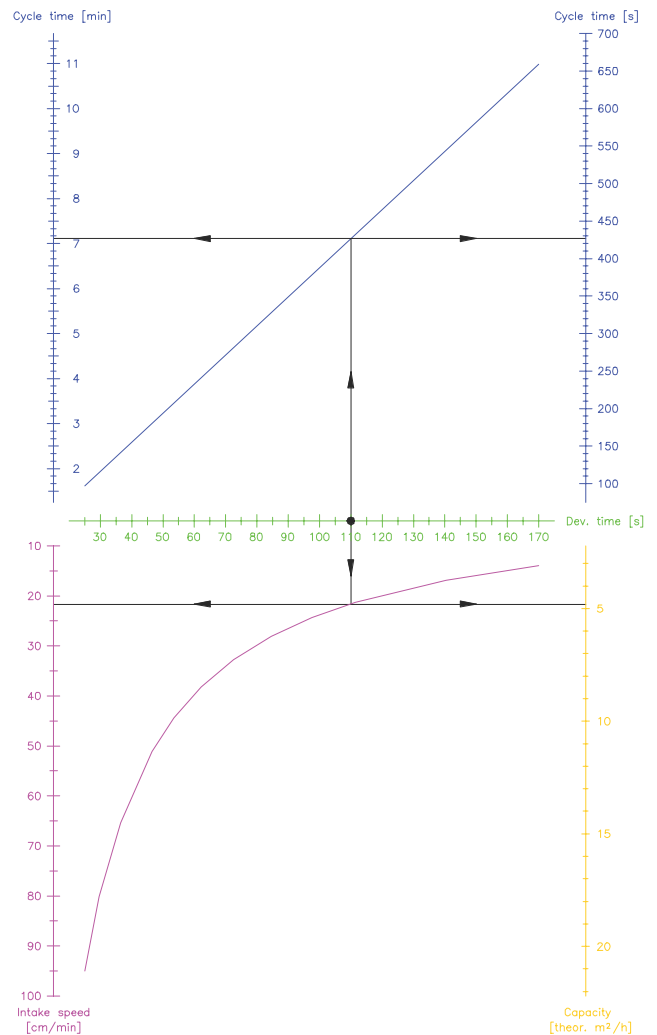
Solution heating (FIX and DEV):	Adjustable in a range of 18.0–43.0°C (separate inline 350 W heaters)
Cooling system (FIX and DEV):	Automatic, cold water cooling system or external Chiller
Wash Tank:	Cold water supply -recirculated
Dryer:	Warm air adjustable in a range of 18–60°C
Replenishment:	Fully automatic replenishment is microprocessor controlled and calculated from information received from sensors that measure the width and length of material entering the processor. Replenishment cycles are adjustable.

Wash water distribution:	Built-in 3-way magnetic valve
Wash water flow rate:	2.5 L per min when film is processed
Wash water supply pressure:	Within 2–8 bar
Wash water supply:	Filtered at a temperature of 7–15°C with 3/4 in. hose connection
Wash water drain:	32 mm O.D. (5/4 in.) hose or tube

**Weight**

Empty	160 kg
With solution	180 kg

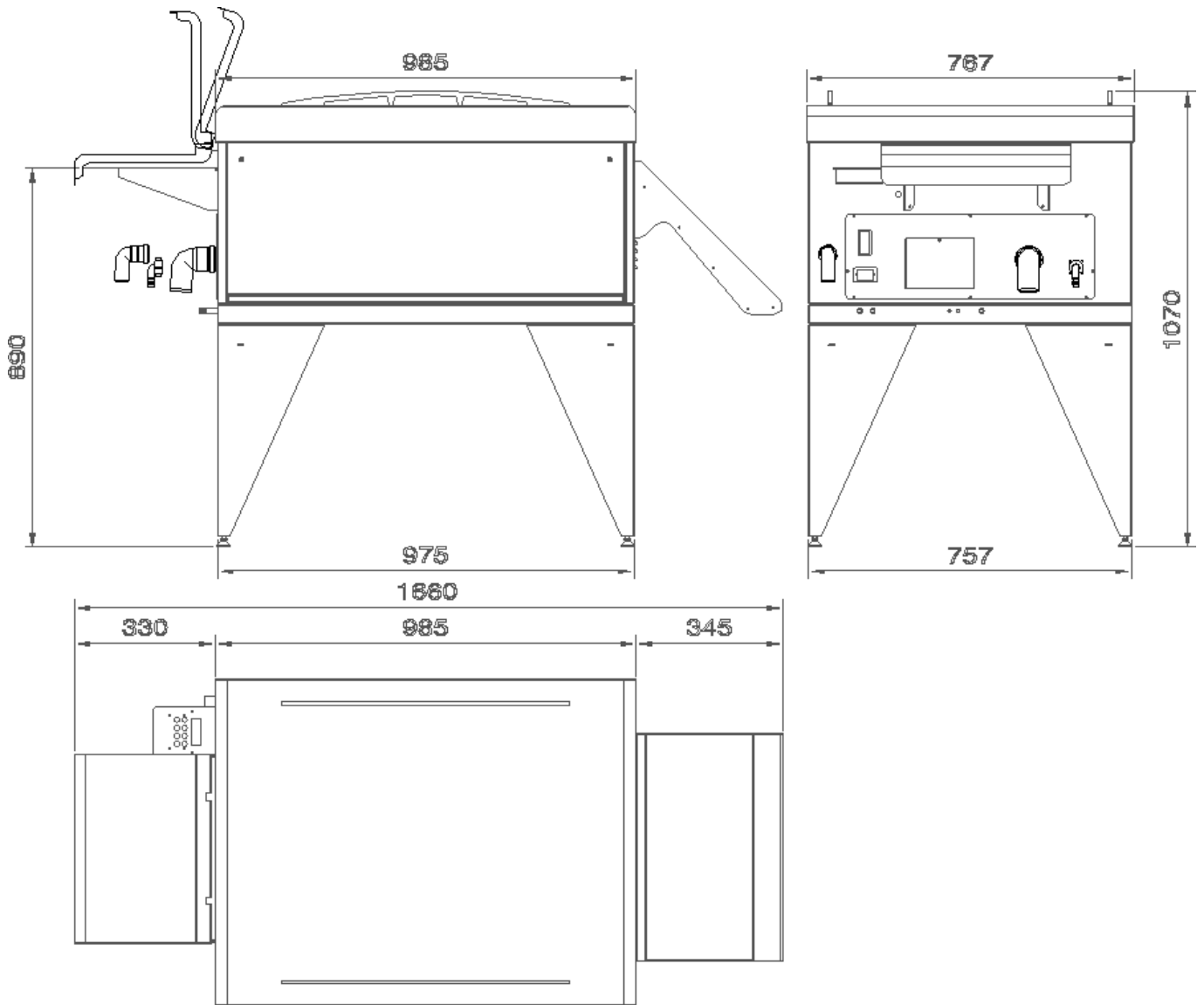
**Input Speed, Develop Time, and Cycle Time**



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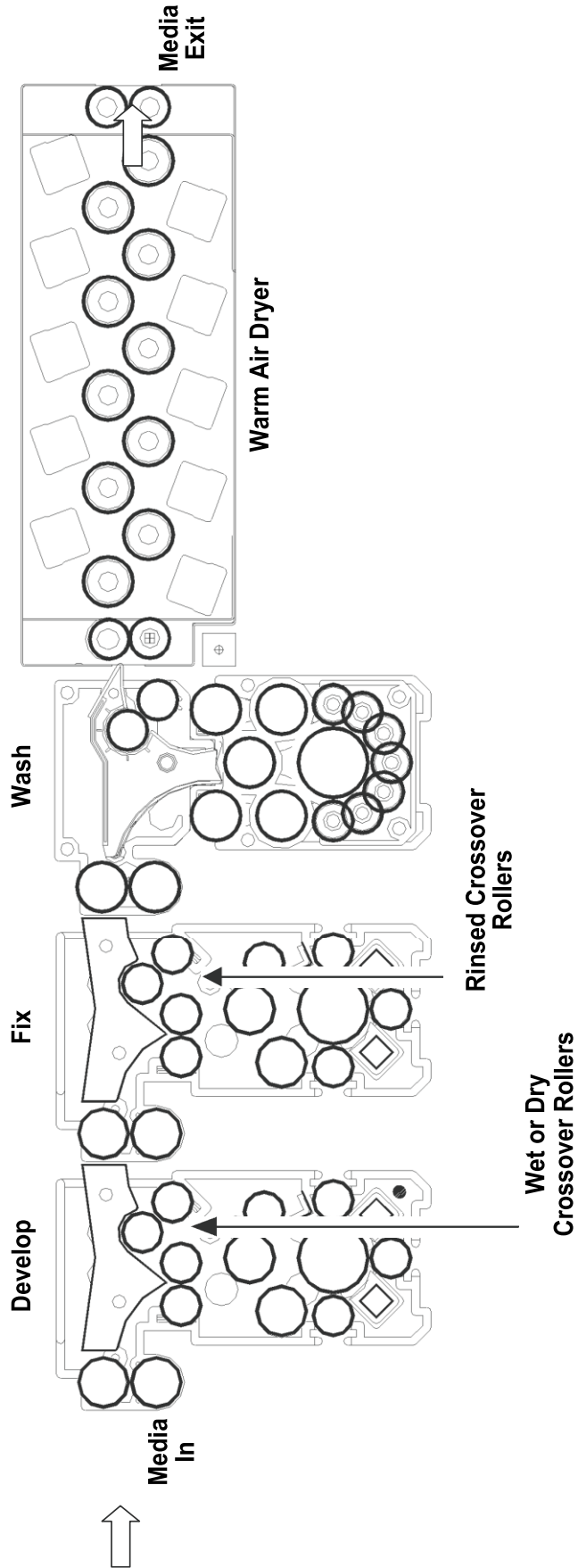
Develop Time (sec)	Intake Speed (sec)	Cycle Time (sec)
25	95.04	97
30	79.20	116
40	59.40	155
50	47.52	194
60	39.60	232
70	33.94	272
80	29.70	310
90	26.40	349
100	23.76	388
110	21.60	427
120	19.80	465
130	18.28	504
140	16.97	543
150	15.84	582
160	14.85	621
170	13.98	659

Dimensions



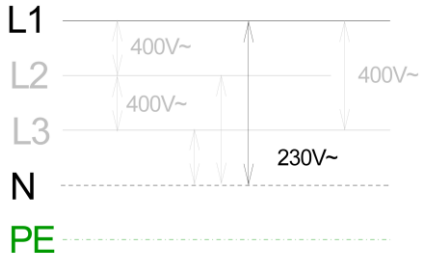
We recommend a minimum walking space of 50 cm around the processor.

Transport System



### Electrical Supply

- Single phase, 230 VAC
- 2.0 kW
- 13 A



**Attention:**  
Only L1-N = 1 x 230V is connected.

### Details for Shipment

Packing dimensions:	1 wooden box on pallet 145 x 92 x 140 cm (L x W x H)
Packing volume:	1.87 m <sup>3</sup>
Weight with packing:	220 kg

Colenta Labortechnik GmbH & Co KG  
Neunkirchner Str. 117  
A-2700 Wiener Neustadt  
Austria

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