



DAVIS-STANDARD®

Where your ideas take shape.



**Product and/
or Industry**

XP Express® – High Output, Energy Saving Sheet Systems

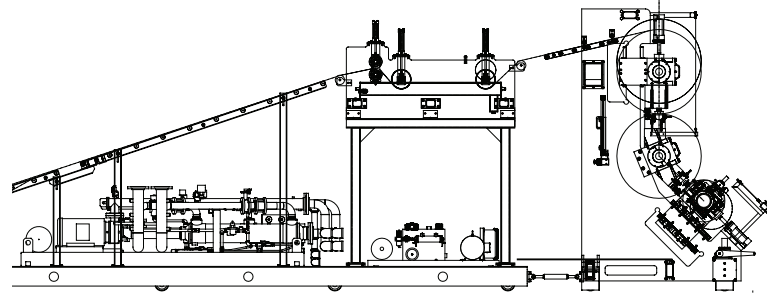
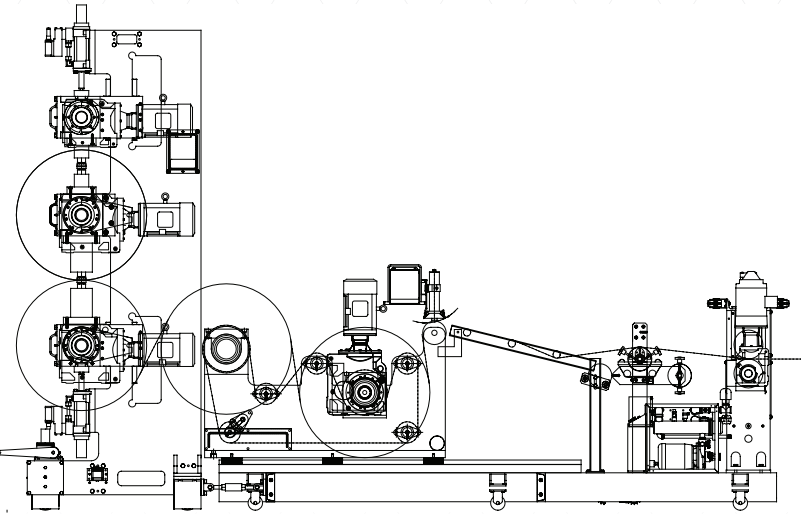
Overview

Davis-Standard's high output XP Express® sheet systems for PET, HIPS, PLA, and PP are engineered for the full range of sheet and packaging applications. This includes capabilities for lamination, solution coating, auxiliary cooling, slitting and trimming, embossing and protective film. Systems are designed to match thermoformer requirements for rate and sheet temperature. Energy efficient, customized barrier screw designs and roll cooling systems provide optimal performance. The XP Express® is available in widths of 36 to 80 inches (900 - 2,000mm) with rates up to 8,000 lbs/hr (3,600 kg/hr).

Features

- Systems available up to 8,000 lbs/hr (3,600 kg/hr)
- Custom, energy efficient barrier screw designs for quality melt and low melt temperatures
- High heat-transfer bypass roll cooling
- Roll skewing available for thin gauge sheet
- Pre-piped and pre-wired assembly for quick installation

XP Express® – High Output, Energy Saving Sheet Systems



PP SHEET SYSTEMS

Extruder Size	L/D Ratio	Lbs. Per Hour	Rollstand 3 Roll	Rollstand 5 Roll	Roll Diameter (inches)
4.5"	34:1	1,300	*		18, 18, 18
130mm	34:1	1,600	*		18, 20, 20
6"	34:1	2,400	*		18, 24, 24
165mm	34:1	2,800	*		18, 24, 24
7"	34:1	3,200	*		18, 30, 30
8"	34:1	4,200	*		18, 30, 30

PET SHEET SYSTEMS

Extruder Size	L/D Ratio	Lbs. Per Hour	Rollstand 3 Roll	Rollstand 5 Roll	Roll Diameter (inches)
4.5"	30:1	2,200	*		18, 24, 24
130mm	30:1	2,400	*		18, 24, 24
6"	30:1	3,800	*		18, 30, 30
165mm	30:1	4,400	*		18, 36, 36
7"	30:1	5,200		*	18, 30, 30, 24, 24
8"	30:1	6,500		*	18, 36, 36, 30, 30

PLA SHEET SYSTEMS

Extruder Size	L/D Ratio	Lbs. Per Hour	Rollstand 3 Roll	Rollstand 5 Roll	Roll Diameter (inches)
4.5"	30:1	1,500	*		18, 24, 24
130mm	30:1	1,750	*		18, 24, 24
6"	30:1	2,500	*		18, 24, 24
165mm	30:1	2,700	*		18, 30, 30
7"	30:1	3,000	*		18, 30, 30
8"	30:1	4,000	*		18, 36, 36

HIPS SHEET SYSTEMS

Extruder Size	L/D Ratio	Lbs. Per Hour	Rollstand 3 Roll	Rollstand 5 Roll	Roll Diameter (inches)
4.5"	34:1	2,400	*		18, 24, 24
130mm	34:1	3,000	*		18, 24, 24
6"	34:1	4,000	*		18, 30, 30
165mm	34:1	4,500	*		18, 36, 36
7"	34:1	5,500	*		18, 36, 36
8"	34:1	7,000		*	18, 30, 30, 30, 30

Coextrusion applications available for all materials of a combined rate up to 8,000 lbs/hr.