



On Site

- Commonly used for structural applications on both new and retrofit projects.
- Continuous jobsite manufacturing eliminates panel distortions caused by shipping nested panels.
- Eliminates end lap conditions.
- Manufacturing panels "at-the-eave" saves time, labor and materials.
- Awesome load bearing capacity.
- Superb coil coverage ratio: 24" coil produces 18" of coverage.



Specifications:

Model:	Knudson KR-18B	Power:	Gas powered hydraulics
Standard Equipment:	Base machine, S-18S Seamer, bar, cable, crane lifting eyes, uncoiler, hand crimper	Drive:	Chain & gear
Options:	Trailer, run out tables, U.L. 90 roof clips, computerized length controller, S-18S + D Seamers for 90° + 180°, sealant pump	Roller Stations:	7
Size:	127"x38"x50" With entry guides folded up 151"x38"x50" With entry guides folded down	Speed:	45 ft per minute using 0.027" steel
Weight:	4450 lbs.	Shear:	Hydraulic, exit end
		Materials:	0.021 - 0.051" Steel, 0.027-.040" Aluminum 16 - 20 oz (0.021-0.027") Copper
		Machine warranty:	2 years parts only
		Seamer warranty:	6 month parts only

Warranty: Parts / factory
labor / distributor

KNUDSON KR-18B STEEL PANEL LOAD TABLE

Load ratings available through 0.051" Steel

ALLOWABLE LOADS MAY BE INCREASED 33% FOR WIND LOADING

Grade C, .024" Steel

		ALLOWABLE UNIFORM LOAD (DEAD+LIVE) - PSF/SPAN LENGTH (FT.)									
Span Condition	Load/Deflection	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
Simple	Load (P)	112	88	71	59	49	42	36	31	27	
	Defl (P)	316	222	162	122	94	74	59	48	40	
	Load (N)	112	88	71	59	49	42	36	31	27	
	Defl (N)	292	205	150	112	87	68	55	44	37	
Two	Load (P/N)	111	87	71	58	49	41	36	31	27	
	Defl (P)	527	370	270	203	156	123	90	80	66	
Three	Load (P/N)	138	109	88	73	61	52	45	39	34	
	Defl (P)	527	370	270	203	156	123	90	80	66	

ANY MACHINES SHOWN WITHOUT COVERS ARE FOR ILLUSTRATIVE PURPOSES ONLY. ALWAYS USE PROTECTIVE COVERS AND OBSERVE ALL SAFETY RECOMMENDATIONS. REFER TO PRODUCT MANUALS.

MAY99/2500/CF

Knudson KR-18B (UL 90 Rated, Construction #294)

- Hydraulic guillotine
- 16 HP engine is standard to provide 45 feet per minute production
- Uncoiler provides 5000 lb. capacity with 24" coil
- Eave height operation - retractable safety rail provides ease of operation and safety
- Safety rail assembly includes exit roller and roof attachment device
- Standard spreader bar features lifting device and crane lift eyes to assist in eave height operation



Computer-aided design and complete engineering have created the "perfect" UL 90 panel.

The KR-18B's trapezoidal panel configuration has been designed with structural strength as its #1 priority. Live load capabilities such as 88 lbs at 5' spans are standard with this panel system. (See load table reverse side). Forms 0.021" - 0.051" steel and 0.027 - 0.040mm aluminum.



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