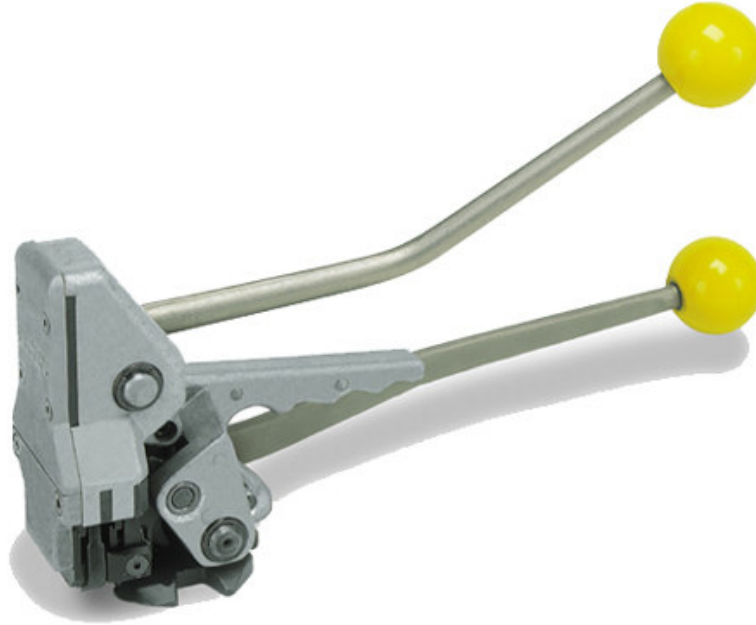


**FROMM** PACKAGING SYSTEMS **Manual pusher type combination steel strapping tool**

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### Characteristics

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Strapping qualities:	Uniflex and Ultraflex max. 1100 N/mm <sup>2</sup> / 160'000 psi
Strapping dimensions:	widths 10.0 – 19.0 mm / <sup>3</sup> / <sub>8</sub> – <sup>3</sup> / <sub>4</sub> "
	thicknesses 0.38 – 0.63 mm / .015 – .025"
Weight:	3.4 kg / 7.5 lbs
Average seal strength:	approx. 75 %
Seals:	Overlap seals, see chart
Type of joint:	Single notch joint

### Advantages

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- Very suitable for strapping of bars, bundles, tubes coils and items with a small surface
- Independent from any energy source since operated manually

**FROMM** PACKAGING SYSTEMS **Chart of types model A431**

Item No.	Model	Uniflex and Ultraflex max. 1100 N/mm <sup>2</sup> / 160'000 psi			
		Width		Thicknesses	
		mm	inch	mm	inch
13.3050	A431/10/0.38-0.63/UNI	10	3/8"	0.38-0.63	.015-.025
13.3070	A431/13/0.38-0.63/UNI	13	1/2"	0.38-0.63	.015-.025
13.3090	A431/16/0.38-0.63/UNI	16	5/8"	0.38-0.63	.015-.025
13.3110	A431/19/0.38-0.63/UNI	19	3/4"	0.38-0.63	.015-.025
13.3051	A431/10/0.38-0.63/ULT	10	3/8"	0.38-0.63	.015-.025
13.3071	A431/13/0.38-0.63/ULT	13	1/2"	0.38-0.63	.015-.025
13.3091	A431/16/0.38-0.63/ULT	16	5/8"	0.38-0.63	.015-.025
13.3111	A431/19/0.38-0.63/ULT	19	3/4"	0.38-0.63	.015-.025

Uniflex (UNI) = Regular duty strapping max. 850 N/mm<sup>2</sup> / 123'000 psi  
Ultraflex (ULT) = High tensile strapping max. 1100 N/mm<sup>2</sup> / 160'000 psi

**Recommended seals**

Width mm	Inch	Dimensions (W, L, T)	
		mm	inch
10	3/8"	10 x 22 x 0.6	<sup>3</sup> / <sub>8</sub> x <sup>7</sup> / <sub>8</sub> x .024
13	1/2"	13 x 22 x 0.6	<sup>1</sup> / <sub>2</sub> x <sup>7</sup> / <sub>8</sub> x .024
16	5/8"	16 x 22 x 0.6	<sup>5</sup> / <sub>8</sub> x <sup>7</sup> / <sub>8</sub> x .024
19	3/4"	19 x 22 x 0.6	<sup>3</sup> / <sub>4</sub> x <sup>7</sup> / <sub>8</sub> x .024

Tensile strength of the seal material: 600 N/mm<sup>2</sup> / 87'000 psi