

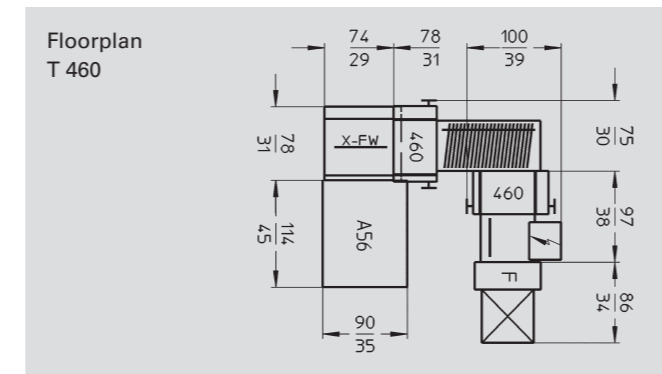
### Your benefits at a glance:

- **High productivity** thanks to well-proven MBO features
- **Robust construction** for long lifetime
- **Simple construction** for optimal operability
- **Compact size** for restricted installation space



Machine / Unit		T 460 - F		T 460 - F - VACUSTAR		FW II 46		X-FW II 530		X-FW III 530	
		cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Infeed width	min	10,50	4 1/8	15,00	5 7/8	-	-	15,00	5 7/8	15,00	5 7/8
	max	46,00	18 1/8	46,00	18 1/8	46,00	18 1/8	53,00	20 7/8	53,00	20 7/8
Infeed length	min	10,50	4 1/8	17,00	6 6/8	-	-	10,00	3 7/8	10,00*	3 7/8*
	max	66,00	26	66,00	26	-	-	41,00	16 1/8	41,00*	16 1/8*
Folding length	min	3,20	1 2/8	3,20	1 2/8	3,20	1 2/8	-	-	-	-
NIRO buckle plate	max	46,00	18 1/8	46,00	18 1/8	46,00	18 1/8	-	-	-	-
	Buckle plate 2	max	46,00	18 1/8	46,00	18 1/8	34,50	13 5/8	-	-	-
Other buckle plates	max	34,50	13 5/8	34,50	13 5/8	34,50	13 5/8	-	-	-	-
Infeed height	min	-	-	-	-	-	-	56,00	22	56,00	22
	max	-	-	-	-	-	-	88,00	34 5/8	88,00	34 5/8
Number of buckle plates	min	Quantity		Quantity		Quantity		Quantity		Quantity	
	max	4		4		4		-		-	
Fold roller diameter		mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
		34,70	1 3/8	34,70	1 3/8	34,70	1 3/8	40,00	1 5/8	40,00	1 5/8
Slitter shaft diameter		30,00	1 1/8	30,00	1 1/8	30,00	1 1/8	30,00	1 1/8	30,00	1 1/8
		m/min	inch/min	m/min	inch/min	m/min	inch/min	m/min	inch/min	m/min	inch/min
Speed	min	45	1772	45	1772	45	1772	45	1772	45	1772
	max	180	7087	180	7087	180	7087	180	7087	180	7087
Drive Control											
MS Control		manual									

\* depending on machine equipment.

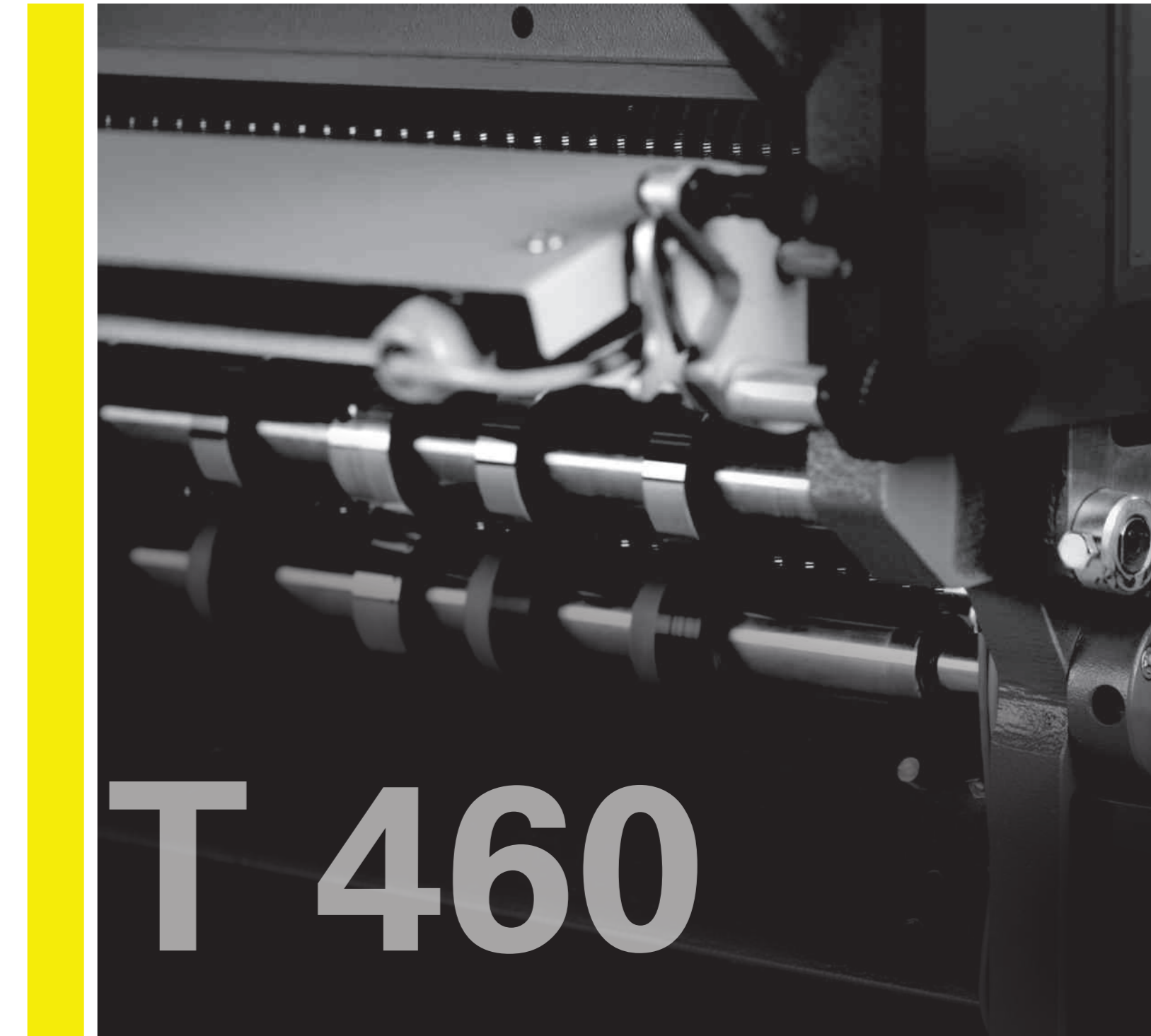


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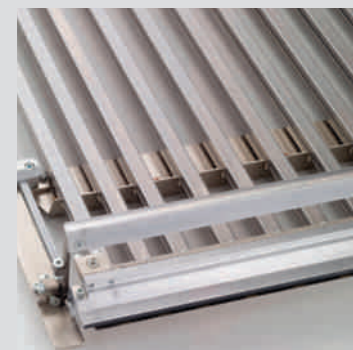
Subject to errors, misprints and technical modifications.

## T 460

Small, compact, great.



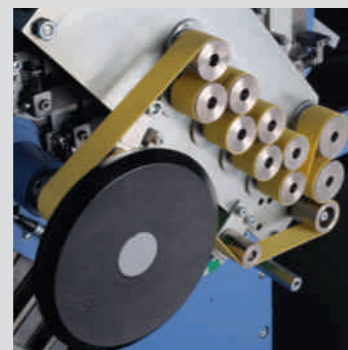
# T 460



■ **NIRO buckle plates**  
 The marking-free NIRO buckle plates with central sheet stop fine adjustment are equipped with swing sheet deflectors. To swing the deflector, the buckle plate must be lifted only a few centimetres. The through sheet stop in buckle position 1 ensures highest precision at maximum speed.



■ **Feeder head VACUSTAR**  
 This feeder head is used with pile feeders for the Efficiency models. The vacuum control reaches outputs of up to 40,000 cycles per hour for small formats.



■ **Belt drive system**  
 Advantages: extremely quiet operation and long maintenance-free periods. Thanks to the auto-tensioning elements, controlling and readjusting is no longer necessary. Low follow-up and operational costs make the MBO belt drive an especially efficient long-term solution.

Despite its compact design firmly established in terms of productivity.

Easy operation for optimal handling.

Standard equipment and options



T 460, 4 buckle plates, special equipment: feeder head VACUSTAR, noise insulation device

The buckle folding machine T 460 is the greatest for small 46 x 66 cm formats. The easy-to-handle machine is ideally suited for printing houses and bookbinderies that want to save space and, at the same time, achieve a high productivity when further processing DIN A3 and DIN A2 products (4 pages, 6 pages, gatefolds or folding end sheets).

Small but powerful: the T 460. By the standard integration of MBO components especially developed for this format range, the T 460 achieves high efficiency, short changeover times and a continuously excellent folding quality, despite its small size.

Another advantage of this small machine is its extreme robustness. With its stable side frames, the T 460 is almost indestructible and its high productivity may therefore work for you for a really long time. Well-proven MBO components guarantee that apart from their robustness



MS Control:  
The basic machine controller for buckle folding machines.

and long life time, folding machines by MBO are also appreciated for the excellence of their quality: outstanding folding accuracy even for high throughputs – no problem for the T 460.

- Micro processor control for sheet infeed
- Sheet distance control: cycle control (default setting: front edge – front edge) – by measuring a reference sheet, the suction length is calculated automatically and set to a minimum sheet distance of 2 cm
- Preselection counter at the infeed
- Electro-mechanical double sheet control
- Electro-mechanical stopper switch for sheet control after each folding unit
- All automatically calculated values may be optimised manually, if required

#### Equipment:

- MS Control
- Pile feeder F 460
- Sheet infeed via suction wheel
- Sheet alignment via ball rail
- Anti-static lattice-type alignment table
- 4 NIRO buckle plates with swing deflectors
- Through sheet stops in buckle 1
- Low maintenance and low noise belt drive
- Spiral foldrollers with standard PU roller coating
- Stainless slitter shafts, quick exchange thanks to bearing plugs
- Electro-mechanical stopper switch in folding unit I + II
- Scoring, perforating and cutting devices for standard operations
- Stream delivery SE 460 or A 56

#### Alternative/additional equipment:

- Feeder head VACUSTAR for pile feeder
- Noise insulation device
- Glue fold device
- Strip trimming device
- Edge trimming device
- Punch perforating device
- Multiple perforating device
- Transfer table from folding unit I to folding unit II
- X folding unit II (4X), 53 cm
- X folding unit III (44X), 53 cm
- Gate fold brushes for X folding unit III, only applicable with configuration 44X
- Various deliveries
- Various peripheral units