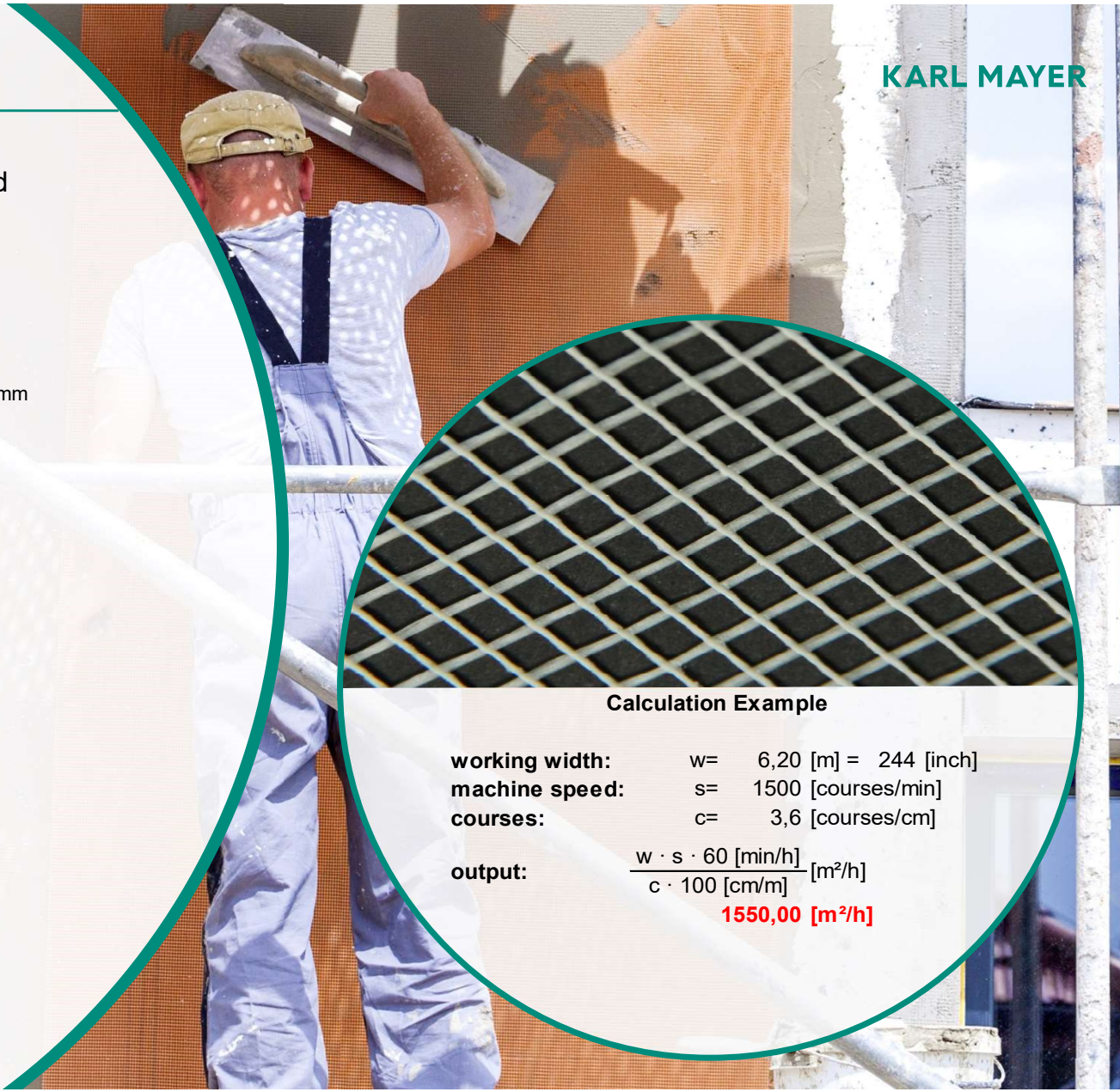


Textiles for Plaster Facades

WEFTTRONIC® II G

High-performance warp-knitting machine with course-oriented weft-insertion for production of grid structures

Article no.	11088		
	end use	lattice structure	
Machine	type	WEFTTRONIC® II G	
	gauge	E18=18 Needles per inch resp.needles/25,4mm	
	machine width	245 inch	
	number of guide bars	2	
Production			
Fabric Parameters	fabric weight	140 g/sqm greige fabric	
	courses	3,6 courses/cm	
	wales		
	fabric width		
Yarn	GB2: polyester text. 76 dtex		
	FB3: glass fibre 300 tex (53 g/sqm)		
	Weft: glass fibre 300 tex (56 g/sqm)		
	GB 2	FB 3	weft-insertion
Threading	1full/3out	1full/3out	1full/1out
Chain notation	1-0/0-1//	1-1/0-0//	
Finishing	coating		
Output	<u>Up to 1500 m²/h – see calculation example</u>		



Calculation Example

working width: w= 6,20 [m] = 244 [inch]
machine speed: s= 1500 [courses/min]
courses: c= 3,6 [courses/cm]

output:
$$\frac{w \cdot s \cdot 60 [\text{min/h}]}{c \cdot 100 [\text{cm/m}]} [\text{m}^2/\text{h}]$$

1550,00 [m²/h]

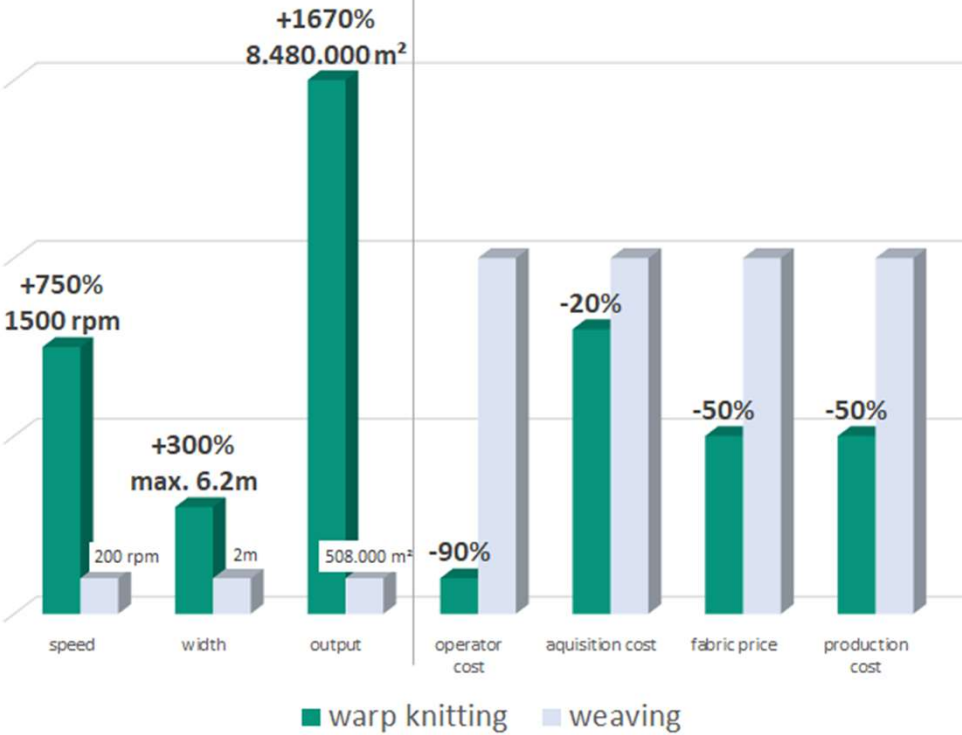
Textiles for Plaster Facades

Comparison - Knitting - Weaving

specification

cost

at same output



based on calculation for 5 x 5 plaster grid: of 145 gsm base material,
Warp knitted fabric: filler glass roving 300 tex, weft glass roving 300 tex - 3,6 c/cm, knitting thread PET 76 dtex
Woven leno fabric: warp glass yarn 2 x 136 tex, weft glass yarn 2 x 136 tex 2 picks/cm



TECHNICAL TEXTILES
产业用纺织品

WEFTTRONIC® II G

available machine configurations:

- working width: 213", 245"
- gauge: E6, E10, E18,
- materials: e.g. polyester, fibre glass