



# Introduction to The Erfurt Press Line

A large industrial press line in a factory setting. The machinery is complex and multi-tiered, with various components and structures. The background shows a high-ceilinged industrial building with large windows. The text is overlaid on the left side of the image.

# The press line includes :

- 1- double action press 1400 (800 – 600)t/PKZV.FTS
- 2 to 6 - single action presses 600t/PKZV.FTS
- 7 - single action press 600t/PKZV.FTS

# Technical Information :

- Technische daten Erfurt pressenstrasse 10 & 11:

[Erfurt 1.pdf](#)

- Auscheribung Erfurt pressenstrasse 11:

[Erfurt 2.pdf](#)

- Maschinenkarten zur Erfurt pressenstrasse 11:

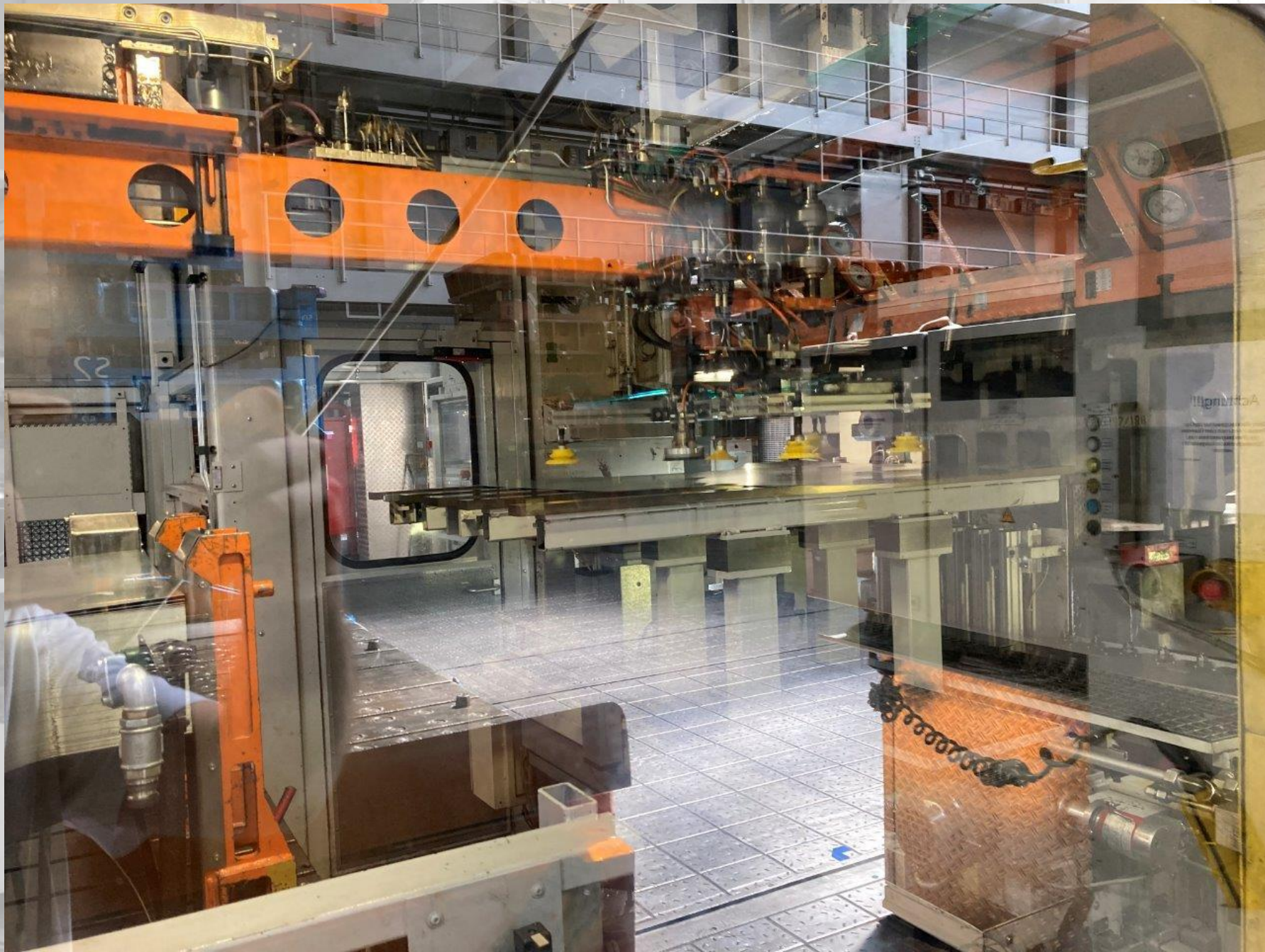
[Erfurt 3.pdf](#)

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The background image shows a large industrial facility with a high ceiling and skylights. In the foreground, a large, heavy-duty industrial press is visible, featuring a flat, gridded worktable and various mechanical components. The press is part of a larger line of similar equipment extending into the distance.

The current press line includes six presses with total weight of 5000 t  
the detailed information is as follows:

1. Double action press 1400 t PKZV-FTS
2. Outer and inner ram forces are 600&800 tones respectively
  - Outer and inner ram strokes are 700& 900 mms respectively
  - S.P.M (min.& max.) 5-20 mm<sup>-1</sup>
  - Maximum and minimum punch shut heights are 1750&1400 mm respectively
  - Maximum and minimum B/H shut heights are 1500&1150 mm respectively
  - Couston plate stroke is 280 mm and its force is 150 t
  - Bloster has a height of 600 mm and a size of 3100 \* 2000 mm
  - Outer and inner rams have the size of 3100 \* 2000 mm and 2000 \* 1500 mm respectively
  - Press size (L.W.H) is 7.7 \* 4.8 \* 9.6 mm
  - Weight = 396 t

## 2. 5x Erfurt single action press 600 t (PKZV-FTS), date of manufacturing:

- Maximum slider force is 600 t
- S.P.M. (MIN. & MAX.) is 5-25 min<sup>-1</sup>
- Side stroke is 750 mm
- Maximum and minimum the shut height sizes are 1200 mm and 850 mm respectively
- Couison plate stroke is 250 mm
- Couison force is 150 t
- Press size (L.W.H) is 7.1 \* 4.6 \* 9.1 m
- Weight = 250 t
- Blosters height and size are as follows: 600 mm and 3100 \* 1900 mm



**Thank you for your attention**