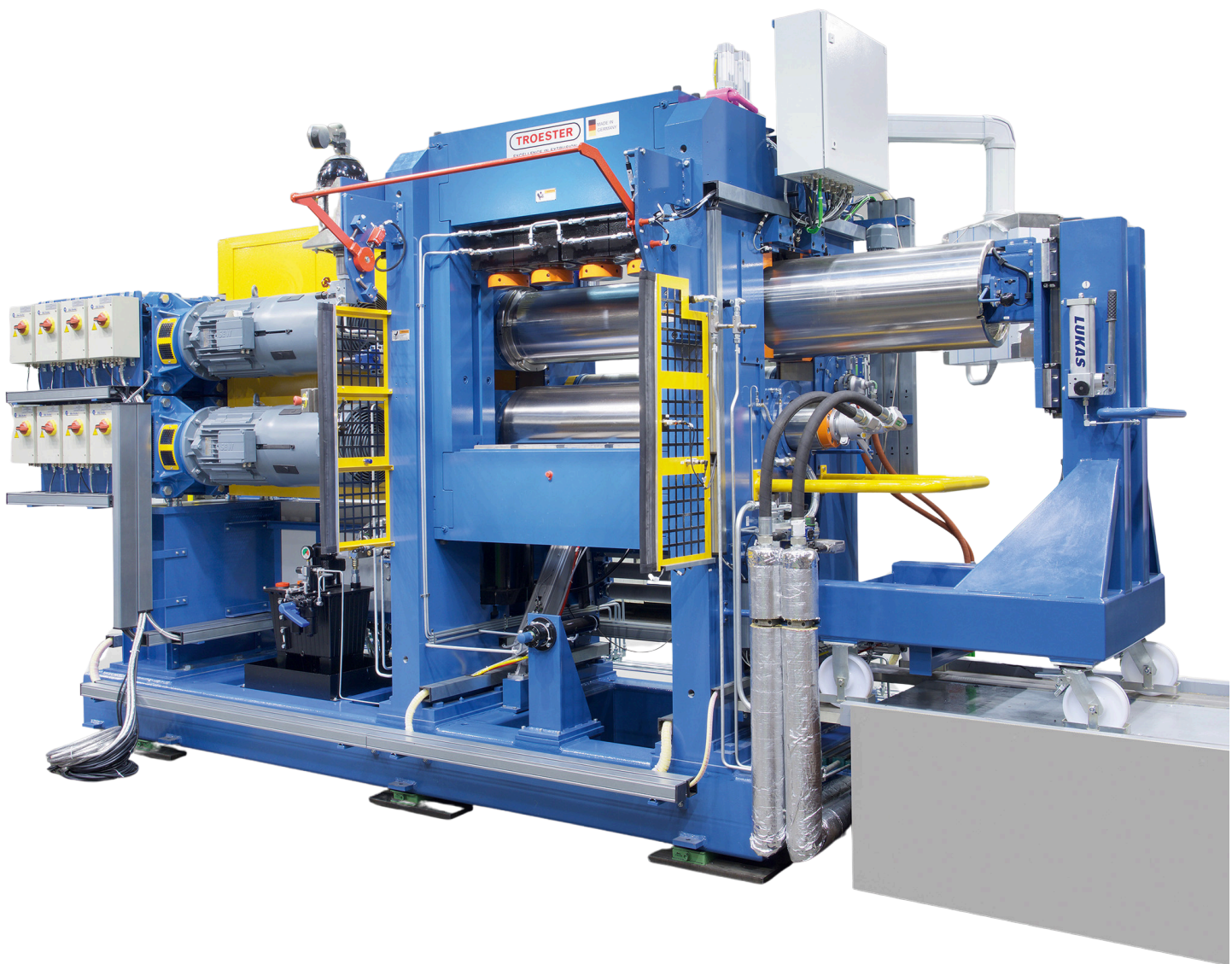


TROESTER

ROLLER HEAD SYSTEMS

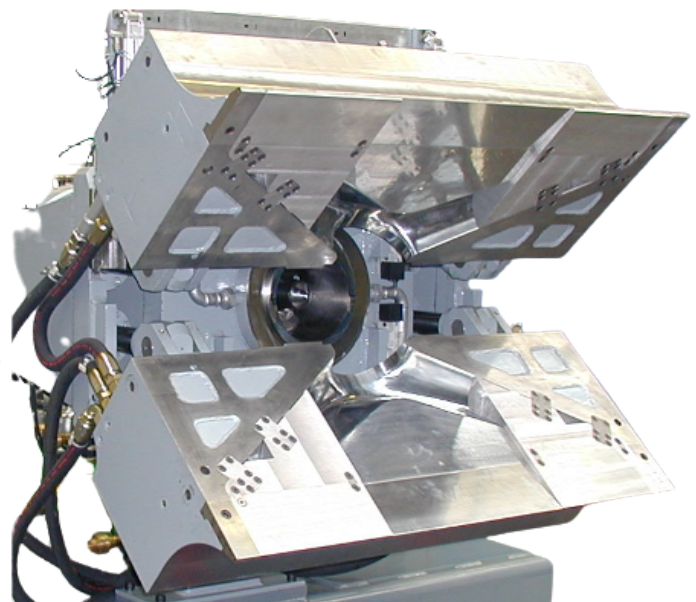
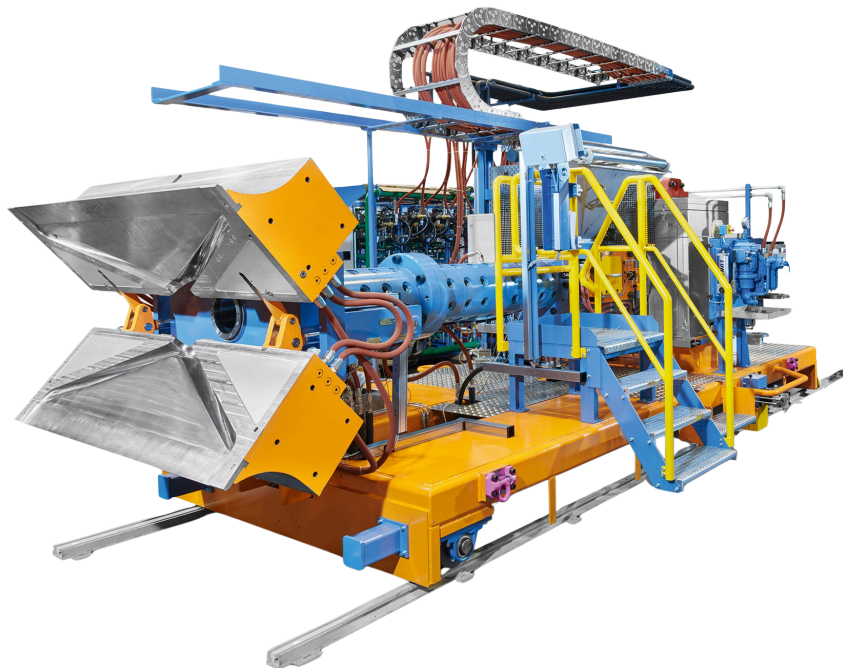


PRECISION IN RUBBER PROCESSING - ROLLER HEAD SYSTEMS

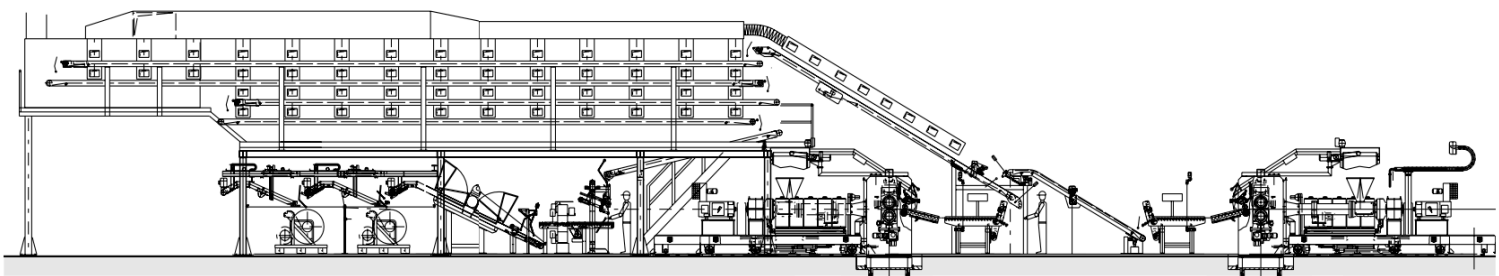
The Roller Head unit is a combination of an extruder with a preform head and a 2-, 3- or 4-roll calender. Roller Head technology offers two decisive advantages: one is the high uniformity of the material thickness over the entire sheet width, which ensures that there will be no air inclusions, even at higher thicknesses. Another is the outstanding homogeneity of the material produced. Both production characteristics are optimal pre-requisites for high-quality rubber products such as tire components, V-belts, conveyor belts, tank linings, cover sheets, blank sheets and roofing sheets, among many other things.

ADVANTAGES AND TECHNICAL DATA

- Efficient production of thin and thick rubber sheets (0.3-30 mm)
- Direct feeding from the preform head ensures consistent material flow and no build-up
- The Roller Head technology prevents air inclusions, even at higher product thicknesses
- Reduced edge trimming – Inserts in the preform head minimise excess material waste, ensuring efficient use of rubber



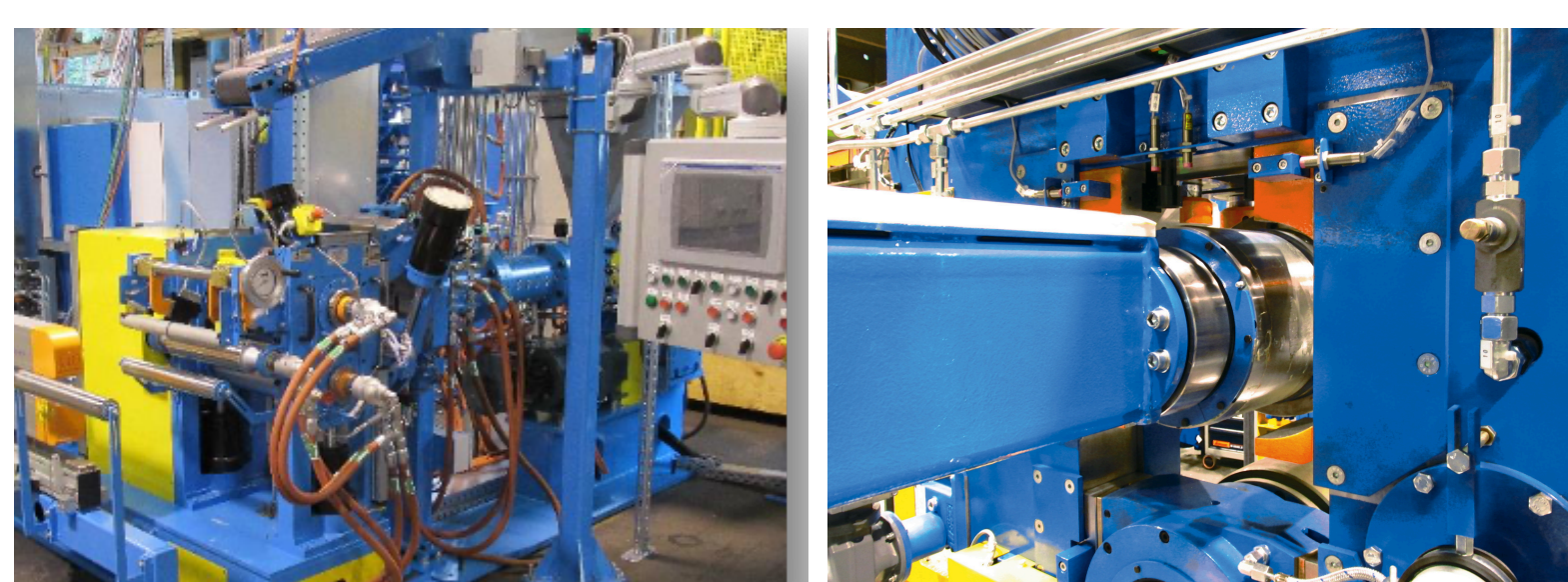
Roller Head Line for the production of rubber plates



ROLLER HEAD SYSTEMS

ADVANTAGES AND TECHNICAL DATA

- Customised Roller Head Systems for product widths up to 3000 mm
- Calender can have a profile upper roll for production of profiled sheets
- Profiles can be changed quickly by swapping the roll sleeve in under 5 minutes
- Equipped with modern safety devices, including hydraulically actuated emergency systems and servo valves for quick gap opening in emergencies
- Automatic adjustment of speed or pressure to maintain optimal production conditions
- For smaller rubber sheet requirements, TROESTER offers:
 - Micro Roller Head for product width up to 250 mm
 - Mini Roller Head for product width up to 500 mm



TROESTER GmbH & Co. KG

Headquarters Hannover

Am Brabrinke 1-4

30519 Hannover, GERMANY

Phone +49 511 8704-0 Fax +49 511 864028-0

E-mail info@troester.de

TROESTER Machinery, Ltd.

300 Loomis Avenue

Cuyahoga Falls, Ohio 44221, USA

Phone +1-330-928-7790 Fax +1-330-928-7239

E-mail service@troester.us.com

TROESTER Machinery

(Shanghai) Co., Ltd.

Workshop No. 1, Area C

No. 6999 Chuan'sha Road, Pudong

Shanghai 201202, PR CHINA

Phone +86-21-58598308 Fax +86-21-58598310

E-mail info@troester.cn

TROESTER India Pvt. Ltd.

38, Sardar Patel Rd, Little Mount, Guindy, Nehru Nagar, Adyar, Chennai

600020, Tamil Nadu, INDIA

X-Compound GmbH

Hardmatt 932

CH -5082 Kaisten, Switzerland

Phone +41-62-869 10 30 Fax +41-62-874 32 08

E-mail info@x-compound.ch

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