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**Press release**

**Reliable and long lasting – for over 20 years, Russia’s largest compound manufacturer has relied on twin screw extruders from Coperion**

*Stuttgart, January 2019* – At *Research and Production Enterprise POLYPLASTIC*, the largest manufacturer of compound materials in the CIS region with its headquarters in Moscow and over 700 employees at 3 locations across Russia, twin screw extruders from Coperion have proven their reliability and cost efficiency for over 20 years. At its Togliatti and Engels locations, the company currently produces approximately 80,000 t of compounds on six different large ZSK and STS series systems. Three more ZSK extruders are in use at their Moscow R&D and pilot production center. R&P POLYPLASTIC cites Coperion technology’s longevity and concurrent low maintenance expense as decisive reasons to keep choosing the same extruder manufacturer again and again for so long.

Evgeniy Ambrosov, Technical Director at R&P POLYPLASTIC, elaborated: “Since its purchase in 1997, we have profited from the quality and performance of our first ZSK. This twin screw extruder, with a 70 mm screw diameter, is still in operation. Today, we primarily produce filled PA6 formulations with throughputs of up to 80 t per month, at batch sizes between 5 and 10 t.”

The STS 75 twin screw extruders with 75 mm screw diameters that R&P POLYPLASTIC operates at their Togliatti site, are among the latest generation of machines from Coperion. Polypropylene, polyamide, and polyethylene compounds are compounded in batch sizes of 5 to 60 t. Said Mr. Ambrosov, “beyond the high reliability and long service lives that all our systems from Coperion provide, we profit from the option for remote maintenance via the Coperion ServiceBox integrated into our newer extrusion systems, reducing the equipment’s already low maintenance expense even further.” With this online monitoring tool Coperion’s service team

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has access via secure internet connection from anywhere on earth to the operator's equipment network so that malfunctions can be analyzed, evaluated, and usually remedied quickly.

Peter von Hoffmann, General Manager Business Unit Compounding Machines Engineering Plastics and Special Applications at Coperion, added: "Other longtime customers confirm, as R&P POLYPLASTIC does, our strategy to dedicate highest priority to the quality and longevity of our technology. These factors prove time and again to be the key to high profitability and thus to long-term successful activity in the marketplace."

Coperion ([www.coperion.com](http://www.coperion.com)) is the global market and technology leader for compounding systems, feed systems, bulk goods systems, and services. It develops, produces, and services plant, machinery, and components for the plastics, chemical, pharmaceutical, food, and minerals industries. Coperion employs 2,500 people worldwide in its four divisions Compounding & Extrusion, Equipment & Systems, Materials Handling, and Service, as well as in 30 sales and service companies. Coperion K-Tron is part of the Equipment & Systems division.



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R&P POLYPLASTIC produces mainly polypropylene, polyamide, and polyethylene compounds for processing into auto parts, household appliances and construction materials on STS 75-type twin screw extruders from Coperion.

*Image: Polyplastic, Togliatti, Russia*