

Custom-made extruders from Akron Milacron. (Straw technology)

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Full text: Affordability, customised design and quick delivery render Akron Milacron's S-Pak single-screw extruders a popular choice for processing rigid and flexible PVC, PE and PP for a variety of custom profile and co-extrusion applications. Due to its modular design, S-Pak can be delivered with a process-matched screw, gearbox and mounting configuration in about four to six weeks. Available in 0.75-1.75 in screw diameter sizes, the compact extruders are ideal for extruding drinking straws, medical tubing, wire and cable jacketing, furniture edging and even automotive side mouldings.

Available in floor, bench and tilt versions that feature an air-cooled, 24:1 L/D bi-metallic barrel, the extruders maintain proper barrel alignment, even with heavy dies or when bolted to a larger machine for co-extrusion applications. Standard to each model are the AC drives that can be coupled to one of the four gearboxes, which have various torque ratings. Furthermore, a unique drive sleeve insert accepts any screw shank, speeding up integration into existing operations. In addition, the easy-to-use digital instrumentation allows for fast set-ups and simple operation, while ammeters accurately monitor each heating zone for burnout.