

SIDE FEEDING

Easy material feed - modular adjustment

The side feeder is mostly used to add powders. Leistritz can offer the right side feeder for every application and all extruder sizes. The LSB XX series convinces through the high OD/ID ratio (2.0) of the screws and can also convey materials with very low bulk densities.



SPECIAL FEATURES OF THE LSB XX:

- segmented screws can be used (configuration according to the needs of the raw material)
- adaption of the LSB XX to the extruder with tie rods (LSB XX can be fastened to the extruder barrel in the cold, easily accessible area of the gear box with no risk of injuries)
- use of various types of steel (allows feeding both highly abrasive (e.g. TiO₂) and highly corrosive products)
- option: internal cooling of the screw (possible through special gear box design)

| LSB XX | 35 | 40 | 50 | 60 | 75 | 87 | 110 | 135 |
|---------------------------------------|-----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|
| Extruder size | ZSE 35 iMAXX | ZSE 40 MAXX | ZSE 50 MAXX | ZSE 60 MAXX | ZSE 75 MAXX | ZSE 87 MAXX | ZSE 110 MAXX | ZSE 135 MAXX |
| Screw diameter (mm) | 34.4 | 40.8 | 49.5 | 60.3 | 75.9 | 88.4 | 112.3 | 138.1 |
| Screw speed infinitely variable (rpm) | 0-600 | | | | | | | |
| Drive power (kW) | 1.5 | 2.4 | 3.8 | 5.3 | 9.1 | 14.3 | 18.6 | 35.3 |
| Base frame | without | with | | | | | | |