BKG® Underwater Pelletizers

Types A, Compact, AH, AH D

Type A

Throughput up to 2,500 kg/hr (5,500 lb/hr)

Type A pelletizers offer manual fine adjustment of the blade pressure. The A 300 pelletizer is suitable for throughputs up to 500 kg/hr (1,100 lb/hr). The A 1000 pelletizer is suitable for throughputs up to 2,500 kg/hr (5,500 lb/hr).

Features

- Manual fine adjustment of the blade pressure
- Can be retrofitted to Compact Type pelletizer with automatic, hydraulic blade pressure regulation
- Quick-change die plates to suit the particular material being processed
- Large variety of die plates available for different throughputs and pellet diameters
- Special design die plates available

Benefits

- Robust pelletizer at an economical price
- Easy operation, simple handling
- Fine adjustment of the blade pressure extends the lifetime of die plates and blades
- Die plate compatibility with Compact and AH types

Type Compact

Throughput up to 500 kg/hr (1,100 lb/hr)

Compact pelletizers are a modified version of our Type A pelletizers and offer automatic, hydraulic blade pressure regulation. The Compact 75 pelletizer is suitable for throughputs of up to 500 kg/hr (1,100 lb/hr).

Features

- Automatic, hydraulic blade pressure regulation
- Hydraulic system integrated in the support cart
- Fully automatic blade re-sharpening during operation
- Compact design / small footprint
- Blade wear indicator available
- Large variety of die plates available for different throughputs and pellet diameters
- Special design die plates available

Benefits

- Constant pressure of the blades to the die plate
- Maintain pellet quality independent of wear
- Precision automatic blade pressure regulation minimizes wear on die plates and blades
- Reproducible blade pressure setting
- Minimal operator intervention
- Ideal for low viscosity products – minimizes die face smearing
- Die plate compatibility with A and AH types

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Type AH

Throughput up to 7,500 kg/hr (16,500 lb/hr)

Type AH pelletizers offer automatic, hydraulic blade pressure regulation and are suitable for throughputs of up to 7,500 kg/hr (16,500 lb/hr).

Features

- Automatic, hydraulic blade pressure regulation
- Hydraulic system integrated in the support cart
- Fully automatic blade re-sharpening during operation
- Compact design / small footprint
- Blade wear indicator available
- Automatic die plate grinding in situ
- Large variety of die plates available for different throughputs and pellet diameters
- Special design die plates available
- Standard floor-rolling design on tracks – hanging design available on request

Benefits

- Constant pressure of the blades to the die plate
- Maintain pellet quality independent of wear
- Precision automatic blade pressure regulation minimizes wear on die plates and blades
- Reproducible blade pressure setting
- Minimal operator intervention
- Ideal for low viscosity products – minimizes die face smearing
- Die plate compatibility with A and Compact types
- Extremely robust design

Type AH D

Throughput up to 35,000 kg/hr (77,000 lb/hr)

Type AH D pelletizers offer automatic, hydraulic blade pressure regulation and a hydraulic locking mechanism. AH D pelletizers are suitable for throughputs of up to 35,000 kg/hr (77,000 lb/hr).

Features

- Automatic, hydraulic blade pressure regulation
- Hydraulic system integrated in the support cart
- Automatic, hydraulic locking mechanism of pelletizer and cutting chamber. Push-button unlocking
- Fully automatic blade re-sharpening during operation
- Blade wear indicator available
- Automatic die plate grinding in situ
- Large variety of die plates available for different throughputs and pellet diameters
- Special design die plates available
- Standard floor-rolling design on tracks – hanging design available on request

Benefits

- Constant pressure of the blades to the die plate
- Maintain pellet quality independent of wear
- “Hands-free” start function
- Precision automatic blade pressure regulation minimizes wear on die plates and blades
- Reproducible blade pressure setting
- Minimal operator intervention
- Ideal for low viscosity products – minimizes die face smearing
- Extremely robust design
- Ideal for reactor lines and for large scale micropellet production

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