



WITH THE EARTH IN MIND

ENVIRONMENTAL PRODUCT OFFERING

Doppstadt



DW SHREDDERS

AK GRINDERS

SM TROMMELS

DZ GRINDER/SHREDDER

STATIONARY SYSTEMS

Doppstadt

DW SERIES SHREDDERS

For tough, primary-shredding applications, Doppstadt DW Series slow-speed shredders provide the power and reliability you need.

All DW Series shredders are equipped with fluid coupling power transfer to eliminate clutch failures, a breakaway shredding comb to pass unshreddable material, and a heavy-duty solid-steel shaft with bolt-on teeth for maximum performance.

The reliability and dependability of Doppstadt DW Series shredders translates into efficient processing power across numerous challenging applications, from C&D, to bulky land-clearing waste, to MSW.



BREAKAWAY COMB

An innovative breakaway comb design automatically passes through contaminants according to a user-adjusted threshold of tolerance, eliminating costly damage.

DW 2060K BioPower

- 328hp Mercedes direct-drive engine
- 6'7" x 2' shaft
- 14 or 28-tooth configuration

DW 3060K F-type

- 430hp Mercedes direct-drive engine
- 10'2" x 2' shaft
- 21-tooth configuration



SOLID-STEEL SHAFT

The heavy-duty comb-and-shaft design delivers unparalleled results; even the most challenging source materials are no problem.

DW 3060K F Carrier

- 490hp engine
- easy-change shaft
- 10' x 2' or 3' shaft
- 21, 42 or 125-tooth option

DW 3080K 3

- 650hp engine
- 10' x 3' shaft
- 14- or 28-tooth configuration



AK SERIES GRINDERS

For fine-grinding or regrind applications, Doppstadt AK Series high-speed grinders deliver precise and consistent performance.

All AK Series grinders are equipped with a heavy-duty scraper floor and load-sensing feed system for consistent material flow, fluid-coupling power transfer to eliminate clutch failures and easy-change sizing screens for flexible, efficient production.

Doppstadt AK Series grinders deliver unmatched versatility across a broad range of applications, from dimensional lumber and green waste, to conversion of land-clearing material into a final sellable product.



SCRAPER FLOOR

The heavy-duty scraper floor and load-sensing feed system keeps material flowing consistently to the hammermill, ensuring the highest quality finished product and most efficient operation.

AK 310 ECOPOWER

- 308hp Mercedes/MTU engine
- 35,000 lbs. net weight
- 58" x 35" infeed
- 11'7" discharge height

AK 560 ECOPOWER

- 530hp Mercedes/MTU engine
- 42,000 lbs. net weight
- 69" x 26" infeed
- 13'9" discharge height

ONE-PIECE SCREEN

Finished product size can be changed in less than ten minutes with the easily replaceable sizing screen.



AK 635K, AK 635SA

- 635hp Mercedes/MTU engine
- 70,600 lbs. net weight
—SA is 598hp, 66,200 lbs.
- 69" x 26" infeed
- 14'9" discharge height



SM SERIES TROMMELS

For demanding screening applications, Doppstadt SM Series trommels are engineered for the most efficient and effective performance available.

All SM Series trommels are equipped with a patented automatic load-sensing drum for maximum screening efficiency, a hydraulically tensioned cleaning brush, and a quick-change screening drum design for flexible sizing changes.

This precise and flexible control makes Doppstadt SM Series trommels the perfect solution for most any screening application, from high-quality topsoil, to C&D separation to compost production.

SM 514 (track option)

- 41hp CAT engine
- 23,200 lbs. net weight
- 5' x 14' screening capacity
- 4 yd³ hopper

SM 617 PLUS

- 75hp Deutz engine
- 37,500 lbs. net weight
- 6' x 17' screening capacity
- 5.5 yd³ hopper

SM 617 FLEX

- 49hp CAT engine
- 23,200 lbs. net weight
- 6' x 16' screening capacity
- 5.2 yd³ hopper

SM 720 PLUS (track option)

- 122hp Deutz engine
- 42,000 lbs. net weight
- 7' x 20' screening capacity
- 6.5 yd³ hopper

SM 720SA PLUS

- 122hp Deutz engine
- 53,000 lbs. net weight
- 7' x 20' screening capacity
- 9.5 yd³ hopper

SM 726SA PLUS

- 114hp Deutz engine
- 53,000 lbs. net weight
- 7' x 26' screening capacity
- 9.2 yd³ hopper



QUICK-CHANGE DRUM AND STAR INSERT

Finished product size can be changed in less than fifteen minutes by simply backing out of the feeder module, lifting the drum off the urethane wheels, and replacing it with a different drum or the option star-screen insert.



OPTIONAL WIND SIFTER

Remove paper, plastic and other light fractions inline with an optional belt-mounted wind sifter.



KOMBI 2-IN-1 SHREDDER/GRINDER

For more specialized applications, the Doppstadt DZ 750 Kombi provides a complete inline processing plant on a single chassis.

The DZ 750 Kombi combines the power of a slow-speed shredder with the versatility and precision of a high-speed grinder. In a single pass, the Kombi can easily power through tough, contaminated feed stock and churn out a final, spec product.

Slow-speed shredding is performed with the same DW Series heavy-duty shaft design, protected by a nitrogen accumulator breakaway system. To ensure optimal performance, the secondary grinder stream is metered by the shaft speed. Dual magnets placed before and after the high-speed chamber provide worry free operation and a clean finished product.

DZ 750

- 720hp Volvo engine
- 101,400 lbs. net weight
- 10' x 2' shredder shaft
- 42-tooth BioPower shaft
- two overband magnets
- 36-tooth high-speed grinder
- 13' 5" discharge height



SOLID-STEEL SHAFT

The DZ 750 is equipped with the same solid-steel shaft found on all DW Series shredder models.



DUAL MAGNETS

The Kombi contains a primary, heavy-duty ceramic magnet before the high-speed, and a secondary neodymium magnet on the final discharge belt.



STATIONARY SYSTEMS

All Doppstadt equipment are available in stationary electric configurations. The following products represent the standard models that are designed specifically for seamless and effective stationary system integration.

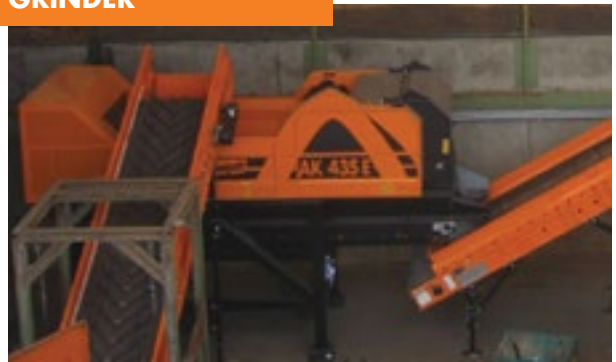
TROMMEL SCREEN



SHREDDER



GRINDER



MAGNET



SORTING STATION



GRITBUSTER



DENSITY SEPARATOR



HS SELECTOR SERIES

The Doppstadt Selector Series is a range of star screen attachments that allow the DW user to further define their product mix to a more exact sizing.

Combined with the DW 3060 K Type F, any HS unit perfectly prescreens multiple products such as wood waste, biomass, green waste, stumps and roots. With the high throughput of the DW shredder, the HS series allows for production of a uniform end product at a very low cost per yard.

The HS is powered by the DW with an additional hydraulic connection in “plug and play” mode. No need for separate power or control system. An integrated re-circulation belt returns remaining oversize fraction to the hopper for re-shredding.

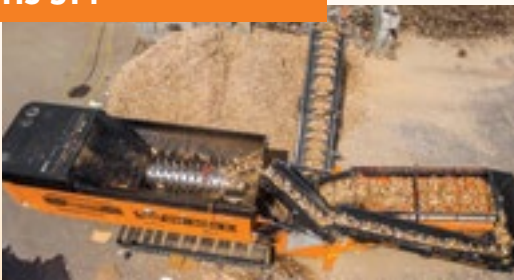
HS 800



HS 401



HS 514



STAR SCREEN INSERTS

The Doppstadt star screen insert drops directly into an SM trommel unit, replacing the drum in an easy 15-minute change.

It works on a revised principle utilizing a urethane star design for extended life. Units are engineered to process wet or clumpy organic material with moisture content as high as 60 percent or more, with throughput results as much as 50 percent higher than screening through a drum.

The oblong star shape on the shaft, as opposed to a conventional round star, aids dramatically with shaft cleaning. The exclusive, alternate shaft speeds on the unit's deck are extremely effective in the stratification of material feed, leading to a cleaner oversize product and increased production rates.





WITH THE EARTH IN MIND



BUILT ON A HISTORY OF EXCELLENCE

Founded in 1965, Doppstadt is deeply committed to superior design, engineering and performance in the manufacturing of recycling and processing equipment. Their broad range of solutions can serve most any material processing and handling need, from slow-speed shredding and high-speed grinding, to screening, sorting and chipping. All Doppstadt manufactured products are built with precision German engineering, to provide the finest quality machinery available to the industry. Because their products are so well-designed and tested, your operation and maintenance costs will be significantly reduced, resulting in an overall net gain from your equipment investment that far exceeds that of other competing products.



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