

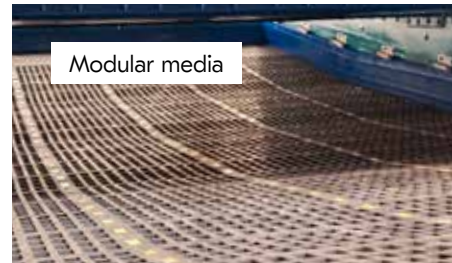
Metso

Screening solutions

GFF Series™ flip-flow screens



The Metso GFF Series is a flexible, heavy-duty screening solution designed for efficient fine screening applications where conventional screening systems struggle with pegging and blinding.



Modular media



Flip-flow media

Built for demanding applications

Metso GFF Series screens are engineered to perform in tough mining and aggregates operations. They handle large throughputs while consistently delivering high screening efficiency in fine screening duties.

Typical applications include:

- Dry fine screening in secondary and tertiary crushing / HPGR circuits
- Classification of sticky ores (e.g. coal, weathered ores)
- Dry processing for fine aggregates and sand production
- Recycling waste, biomass and other demanding materials

Superior efficiency in dry fine screening

Driven by robust box exciters, this linear motion screen design combines a classic free-swinging flat or multi-slope deck with up to two flip-flow decks. These flip-flow decks can be supplied with or without a protection deck.

This hybrid concept combines the strengths of conventional and flip-flow technologies.

- Conventional decks can be used for coarser separations or as protection decks
- Flip-flow decks excel at screening difficult materials, especially fine, moist, or sticky bulk solids.

The GFF Series is well-suited for aggregates and mining environments where traditional screens often blind and lose efficiency.

Benefits

- High screening efficiency in fine screening
- Excellent performance for sticky materials to avoid pegging and blinding
- Long service life
- Easy and safe maintenance
- Very large screens can be configured

Metso GFF Series™ screen range

Type	Inclined or multi-slope screen
Motion	Linear
Exciter(s)	Gear box exciter(s)
Number of decks	1, 2* or 3

MODEL	SCREEN DIMENSIONS	SCREENING AREA/DECK
GFF1861-1	1.8 m x 6.1 m / 6' x 20'	11.0 m ² / 120 sq. ft
GFF2461-1	2.4 m x 6.1 m / 8' x 20'	15.0 m ² / 160 sq. ft
GFF3061-1	3.0 m x 6.1 m / 10' x 20'	18.0 m ² / 200 sq. ft
GFF3661-1	3.6 m x 6.1 m / 12' x 20'	22.0 m ² / 240 sq. ft
GFF3673-1	3.6 m x 7.3 m / 12' x 24'	26.0 m ² / 288 sq. ft
GFF3690-1	3.6 m x 9.0 m / 12' x 30'	32.0 m ² / 360 sq. ft
GFF42100-1	4.2 m x 10.0 m / 14' x 33'	42.0 m ² / 462 sq. ft
GFF1861-2*	1.8 m x 6.1 m / 6' x 20'	11.0 m ² / 120 sq. ft
GFF2461-2*	2.4 m x 6.1 m / 8' x 20'	15.0 m ² / 160 sq. ft
GFF3061-2*	3.0 m x 6.1 m / 10' x 20'	18.0 m ² / 200 sq. ft
GFF3661-2*	3.6 m x 6.1 m / 12' x 20'	22.0 m ² / 240 sq. ft
GFF3673-2*	3.6 m x 7.3 m / 12' x 24'	26.0 m ² / 288 sq. ft
GFF3690-2*	3.6 m x 9.0 m / 12' x 30'	32.0 m ² / 360 sq. ft
GFF42100-2*	4.2 m x 10.0 m / 14' x 33'	42.0 m ² / 462 sq. ft
GFF42120-2*	4.2 m x 12.0 m / 14' x 40'	50.0 m ² / 560 sq. ft
GFF48120-2*	4.8 m x 12.0 m / 16' x 40'	58.0 m ² / 640 sq. ft
*Choice of two flip-flow decks or a modular/flip-flow combination.		
Other sizes available as ETO (Engineer-to-Order).		

Read more at metso.com/portfolio/gff

Flexible and adaptable design

The GFF Series is a highly configurable screening platform, designed to fit a wide range of plant layouts, footprints and operational requirements.

- Broad selection of exciters for optimized designs
- Robust construction for long service and reduced downtime
- Standard flat-deck designs, with multi-slope configurations available for specific applications

Broad selection of screening media

GFF Series screens are designed for use with:

- Flip-flow screening mats
- Combined configurations of flip-flow mats and modular screening media

Metso offers one of the most comprehensive screening media portfolios on the market, including Trellex®, designed to deliver customized solutions for any material characteristics, performance targets, or operating conditions.

Applications



Final screening



Dry screening



Wet screening



HGPR