

Flailbot

Flailbot is Bomford's wirelessly operated track mower for challenging terrains that offers the ultimate remotely controlled mowing capability with zero operator risk.

Covering challenging, steeply inclined terrain with a traditional man-on-board power mower puts a driver at risk. Remotely controlled wirelessly, Flailbot provides ultimate mowing capability whilst keeping the operator at a safe distance.

Take it to the limit. A head for heights.

Flailbot is as at home on steep slopes as it is on flatter areas. With its ability to work on terrains angled up to 55 degrees and being remotely controlled makes it ideal for use for:

- Hilly and mountainous areas
- Banks and ditches
- Escarpments and highways
- Near railway lines
- Military land
- Industrial and energy plants
- Public parklands.
- Forested areas
- Airports
- Drainage systems and reservoirs
- Municipal areas
- Sports facilities



Want to know more about the Flailbot range?

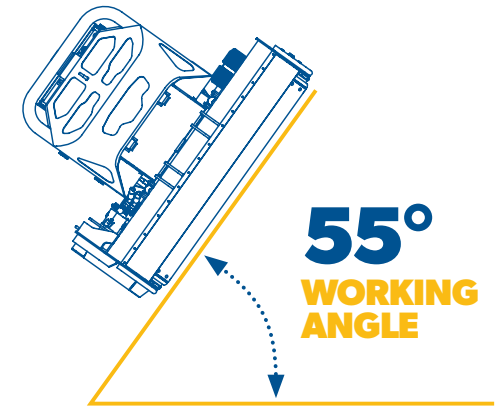
Scan the QR code to the left with a smart phone or tablet and compatible app to instantly view the page.

Alternatively visit:
<http://www.bomford-turner.com/remote/flailbot/>



Confidence on any terrain

As well as operating on terrains as steep as 55°, Flailbot can easily navigate variable or vulnerable terrain with different track options: Standard with low impact to limit pressure on the ground; high grip rubber for mixed soils; and, for extreme slopes, steel-linked tracks with inserts and additional studs.



Precise Control

The remote control, operating all Flailbot functions, has a range of up to 150m (492').



Clearing areas of dense vegetation

Cutting through heavy undergrowth to allow easy access.



Precise and Uniform

Optimum cutting is maintained by a constantly adjusting cutting head via hydraulic actuators.

Tracks for any Situation

Standard Track

Rubber track with low impact tread pattern. Ideal for most normal terrain.

Hi-Grip Track

Rubber track with deep tread pattern. Offers enhanced grip for mixed substrates.

Metal Spiked Track

Steel-linked tracks with spiked studs. Offers maximum traction and stability navigating steep, challenging inclines.



Any situation. Under control

For particularly difficult or steep conditions, the operator can remotely extend each track width individually by 250mm / 10", increasing the footprint for added stability and grip.

Thinking ahead

To reduce the risk of flying debris when reverse rotation is selected, the front hood of the cutting head is held closed by an electronic interloc. Pressure sensors, meanwhile, electronically control flail head float via lift rams.

Durable & robust. Built to last

To protect the engine, bearings and components, a tough underbody skin is structurally integrated into the frame, preventing ingress of debris, fragments and grit.

Key Features

- A** Flashing LEDs.

B 40 HP Perkins engine.

C Robust rollbar.

D Powerful LED headlights.

E Front hood controlled by electronic interloc to manage debris.

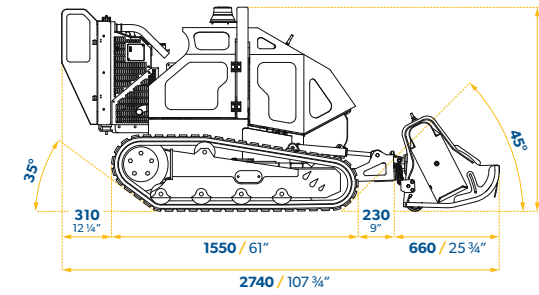
F Remote control receiver on protective housing.
- G** Advanced cooling ensures a safe operating temperature and clears debris from the engine in reverse.

H Strong gripping treads.

I Tough chassis and underbody.



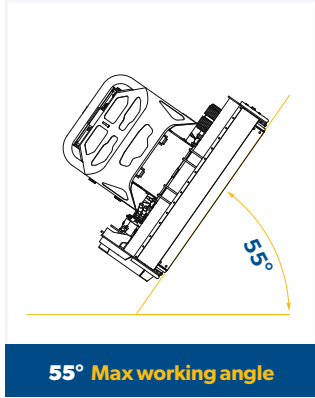
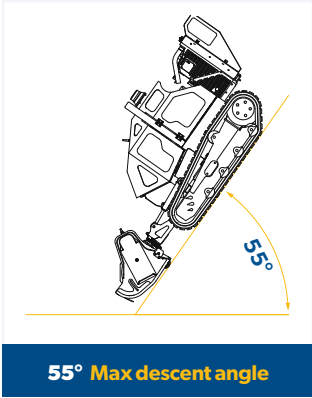
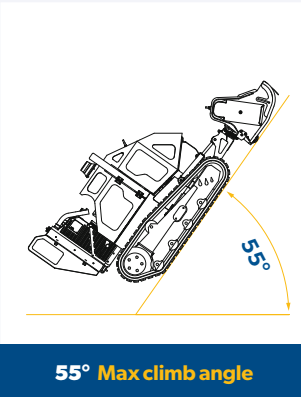
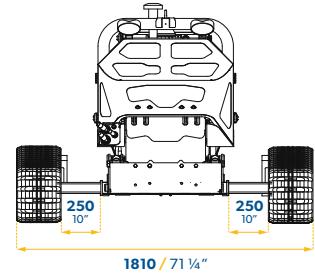
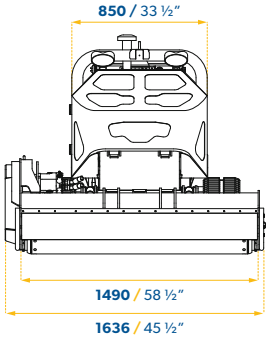
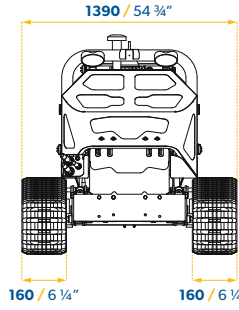
Dimensions & Working Angles



Flailbot
Standard Weights

Flailbot with Oil & Fuel
1280 kg / 2822 lbs

1500 Flail Head
225 kg / 496 lbs



Features & Specification

● Features that come as standard — Not Available / Not Applicable

Flailbot		Metric	Imperial
Flailbot Vehicle			
Tracked vehicle with 10 wheels of which four toothed to step rollers	●	—	—
Patented system to prevent track loss	●	—	—
Automatic hydraulic tensioning of the tracks	●	—	—
4-Point attachment system for machine lifting	●	—	—
Roll-bar with high visibility LED headlights	●	—	—
Flashing LED	●	—	—
Underbody cladding to protect engine and systems	●	—	—
Quick front attachment system for changing tools	●	—	—
3-Cylinder 40 hp industrial diesel Perkins engine	●	—	—
Cleaning system for cooling radiators	●	—	—
Fuel tank	●	23 Litre	6 USG (Gallons)
Closed-circuit radial piston motors for forward movement	●	—	—
Locking track system onto motors	●	—	—
Closed-circuit piston motor on tool head	●	—	—
Variable-capacity closed-circuit piston pumps	●	—	—
Gear pump for services	●	—	—
Electro-hydraulic distributor for services	●	—	—
Electro-hydraulic distributor for tool head function	●	—	—
Cooling circuit with reversible fan	●	—	—
Hydraulic oil tank	●	50 Litre	13.2 USG (Gallons)
High strength steel cutting head	●	1500mm	59"
Motion transmission by multi-groove track	●	—	—
Support roller and side skids height adjustment	●	—	—
Cutting rotor with multi-purpose flails	●	—	—
Remote Control with Graphic Display			
Forward / Reverse speed	●	0 - 7 km/h	0 - 4.5 mph
0 to 100% variable forward movement speed control	●	—	—
Correction for forward movement direction (offset) on slopes	●	—	—
Track speed control display	●	—	—
Cable connection for radio control in case of emergency	●	—	—
Sonic and visual alarms for: Slope incline, system overheating, engine overheating, engine oil pressure, radio control range, driving control reverse.	●	—	—

The above features come as standard. There are some additional options available on request. Please contact us to discuss these further and any additional requirements or questions you may have about Flailbot.

A complete range of accessories are available for the Flailbot including:
Dozer blades, front bucket, sweepers, loaders, snow blowers and rakes.