



FLIP FLOW

optional

Screen box
(L x W)
**5000x
1500mm**

Capacity
up to
450t

**WEIGHT
28,5T**

The contractors choice due to heavy duty performance, compact transport and high productivity.

Its long screen deck is perfect for precision screening from scalping to fine screening.

The K5 has a large range of screening media available incl. the Bivitec flip flow screen box for very difficult to process materials. Perfect service access and a walkway on the left side of the screen box, which is liftable and can be set in several inclinations.

2 or 3-way split position possible

Extra long
screenbox



13 **9** **4** **36**
l/h l/h l/h kWh

Applications

- Pre-screening/scalping
- Screening behind or before a crusher
- Top soil
- Separation of "sticky" aggregate
- Construction and demolition waste
- Sand and gravel
- Quarrying and mining
- Coal
- Wood
- Recycling landfill
- And others

Increased uptime and longer service intervals due to Long Life Grease

Maintenance free Return drum bearings (greased for life)

Automatic transport locking system on side conveyors

- Hydraulic folding hopper of HB 450 steel
- Superior level of surface treatment
- Accessible doors and panels on all sides of the machines for easy maintenance and repair
- Standard equipped with heavy duty apron feeder

METRIC



Technical specifications	
Capacity up to	450 t
Weight	28,5 t
Screen box (l x w)	5000x1500 mm & 5000x1350 mm
Feed hopper in HB450	7 m ³
Hydraulic folding hopper for transport	•
Heavy Duty Plate Apron Feeder	3150 x 1120 mm
Loading height	
	open back wall 2645 mm
	half open back wall 3040 mm
	closed back wall 3400 mm
	Side loading length 4200 mm
Screen box (l x w) standard & bivitec flip flow	5000x1500 mm & 5000x1350 mm
Upper deck m ²	7,5 m ² & 6,75m ²
Middle deck m ²	/
Lower deck m ²	7,08 m ² & 5,4m ²
Hydraulic liftable screenbox	•
Screen box can be set in several inclinations	6
Standard walkway beside screenbox	Left side
Standard Long Life Grease: grease interval	Every 100h
Conveyor belts (l x w) & discharge height	
Oversize belt conveyor (discharge height)	5000 mm x 1200 mm (3100mm)
Fine fraction belt conveyor (left) (discharge height)	8350 mm x 900 mm (4380mm)
Middle fraction belt conveyor (right) (discharge height)	8280 mm x 800 mm (3790 mm)
Track-unit: Length, total width, track shoe width	3310, 2500, 400 mm
2-speed track drive	1,3 km/h and 2,2 km/h
Engine unit(s) 1500/1800 RPM	55 kW/55kW, 64 kW/73 kW, 66 kW/78 kW
Control	PLC – IP 67 LCD screen 4,3" & remote control
Smart sequential auto start/stop from remote control	•
Available drive systems	
	Diesel/hydraulic drive •
	e-drive Diesel/hybrid, electric plug-in & plug-out •
	ZERO drive (no combustion engine, plug-in electric) •

OPTIONS

Feeding & screening	
Wear lining in hopper HB 450: 8 mm	•
Several hopper & corner extensions	•
XXL Hopper	/
Apron feeder (XXL)	/
Feed hopper with belt feeder	•
Inline belt feeder without hopper	/
Overband magnet for Inline belt feeder without hopper	/
Screen flow break	•
Anti clogging system	•
Fast tensioning system for upper deck screens	•
Canvas cover for screen box	•
Walkway beside screenbox	•
Wide range of screen media	•
Bivitec flip flow screen box	•
Volumetric belt scale on apron feeder	•
Conveyors	
Dust suppression system at conveyors	•
Picking station at oversize belt conveyor	Left & right side
Extra long oversize belt conveyor (discharge height)	1800mm longer (4000mm)
Over belt magnet on overbelt	•
Over belt magnet on side conveyors	/
Drum magnet and chute on side conveyors	•
Tungsten scrapers	Fines conveyor (left) Under Screen Conveyor
Other options	
Radio remote	•
Working lights	•
Fuel filling pump	•
Heating system for engine unit: diesel and hydraulic tank	•
Keestrack-er Telematics system UMTS/GPS	•
Lifting eyes	•

TRANSPORT	
Transport l x w x h (mm)	11296 x 2550 x 3330

LEGENDA	
•	applicable - available
/	not applicable- not available



METRIC



K5

FLIP FLOW optional

3,43 US Gal/h
2,37 US Gal/h
1,05 US Gal/h
36 kWh

Applications

- Pre-screening/scalping
- Screening behind or before a crusher
- Top soil
- Separation of "sticky" aggregate
- Construction and demolition waste
- Sand and gravel
- Quarrying and mining
- Coal
- Wood
- Recycling landfill
- And others

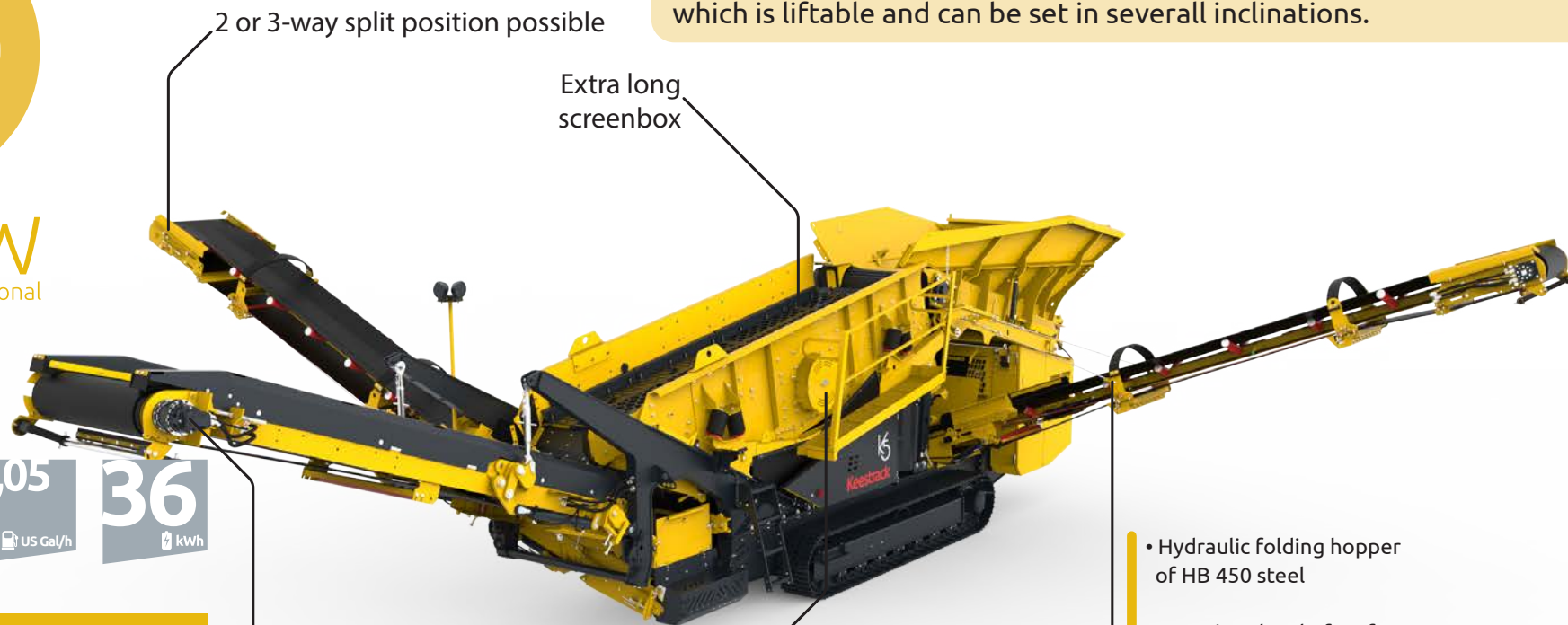
IMPERIAL



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2 or 3-way split position possible

Extra long screenbox

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Automatic transport locking system on side conveyors

Maintenance free Return drum bearings (greased for life)

- Hydraulic folding hopper of HB 450 steel
- Superiour level of surface treatment
- Accessible doors and panels on all sides of the machines for easy maintenance and repair
- Standard equipped with heavy duty apron feeder

Technical specifications	
Capacity up to	500 sT
Weight	31 sT
Screen box (l x w)	17' x 5' & 17' x 4,5'
Feed hopper in HB450	9,1 yard ³
Hydraulic folding hopper for transport	•
Heavy Duty Plate Apron Feeder	10'4" x 3'8"
Loading height	
open back wall	8'8"
half open back wall	9'11"
closed back wall	11'2"
Side loading length	13'9"
Screen box (l x w) standard & bivitec flip flow	17' x 5' & 17' x 4,5'
Upper deck m ²	80,7 ft ² & 72,7 ft ²
Middle deck m ²	/
Lower deck m ²	80,7 ft ² & 72,7 ft ²
Hydraulic liftable screenbox	•
Screen box can be set in several inclinations	6
Standard walkway beside screenbox	Left side
Standard Long Life Grease: grease interval every 250 h	•
Conveyor belts (l x w) & discharge height	
Oversize belt conveyor (discharge height)	16'5" x 3'11" (10'2")
Fine fraction belt conveyor (left) (discharge height)	27'5" x 2'11" (14'4")
Middle fraction belt conveyor (right) (discharge height)	27'2" x 2'8" (12'5")
Track-unit: Length, total width, track shoe width	10'10", 8'2", 1'2"
2-speed track drive	0,8/1,4 mph
Engine unit(s) 1500/1800 RPM	55 kW/55kW, 64 kW/73 kW, 66 kW/78 kW
Control	PLC – IP 67 LCD screen 4,3" & remote control
Smart sequential auto start/stop from remote control	•
Available drive systems	
Diesel/hydraulic drive	•
e-drive Diesel/hybrid, electric plug-in & plug-out	•
ZERO drive (no combustion engine, plug-in electric)	•

OPTIONS

Feeding & screening	
Wear lining in hopper HB 450: 8 mm	•
Several hopper & corner extensions	•
XXL Hopper	/
Apron feeder (XXL)	/
Feed hopper with belt feeder	•
Inline belt feeder without hopper	/
Overband magnet for Inline belt feeder without hopper	/
Screen flow break	•
Anti clogging system	•
Fast tensioning system for upper deck screens	•
Canvas cover for screen box	•
Walkway beside screenbox	•
Wide range op screen media	•
Bivitex flip flow screen box	•
Volumetric belt scale on apron feeder	•
Conveyors	
Dust suppression system at conveyors	•
Picking station at oversize belt conveyor	Left & right side
Extra long oversize belt conveyor (discharge height)	5'10" longer
Over belt magnet on overbelt	•
Over belt magnet on side conveyors	/
Drum magnet and chute on side conveyors	•
Tungsten scrapers	Fines conveyor (left) Under Screen Conveyor
Other options	
Radio remote	•
Working lights	•
Fuel filling pump	•
Heating system for engine unit: diesel and hydraulic tank	•
Keestrack-er Telematics system UMTS/GPS	•
Lifting eyes	•

TRANSPORT	
Transport l x w x h	37'1" x 8'4" x 10'11"

LEGENDA	
•	applicable - available
/	not applicable- not available



IMPERIAL