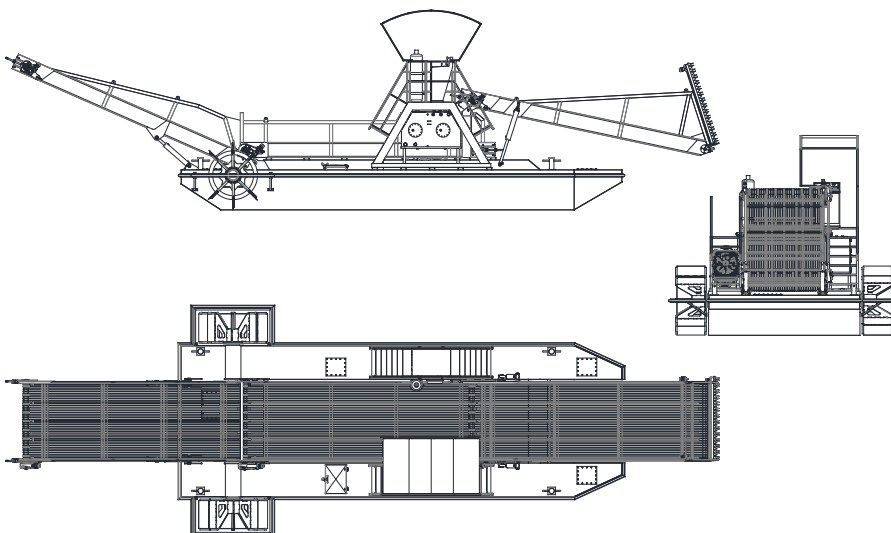


# Harvester

## Kenya Model



Kenya harvester is a machine designed for harvesting materials such as weeds and hyacinths that obstruct the passage of water in lakes, rivers and canals. Additionally, the harvester can be used as a skimmer for the harvesting of floating rubbish such as plastic and glass bottles, pieces of wood, cans and other materials.



### VERSATILITY

Italdraghe differentiates from other players in the market for its flexibility given by custom made harvesters designed in order to satisfy specific customer needs.

### QUALITY

Italdraghe masters the production of high-quality harvesters thanks to a deep know-how and expertise of the dredging industry developed over a more than 60 years' experience in the sector.

### EFFICIENCY

Thanks to its exceptional pumping rate, low maintenance costs and low cost per cubic meter, Italdraghe can offer its clients highly efficient harvesters.

## MAIN DIMENSIONS

Operating length with conveyor raised	17,80 m
Operating width	5,70 m
Operating draught	
Empty	0,50 m (approx)
Full load	0,70 m (approx)
Operating cutting width	1,90 m
Operating cutting depth	1,40 m
Storage capacity	10 m <sup>3</sup>
Max speed	7,5 Km/h (approx)
Estimated production	1.600 m <sup>2</sup> /h
Stability according to RINA (Italian Naval Register) standard regulations	

## HULL

Length at water line	11,00 m
Width	3,80 m
Fuel tank capacity (incorporate type)	1.000 liters
Corrosion resistant marine painting	

## DIESEL ENGINE

FPT Iveco Motors F 32 MNS type; Tier 3 emission	
Continuous power	74 kW @ 2.800 rpm
Electric starting	12 Volts
Cooled by radiator (option by box cooler)	

## PROPULSION

2 independent hydraulic paddle wheels	from 0 to 48 rpm
rpm regulation with reverse	

## HYDRAULIC SYSTEM

Steel tank capacity	500 liters
1 gear pump	
1 proportional distributor controlled by manual levers	
7 independent cells maximum settings	

## CONTROL BRIDGE

Operator chair	
All operation controls	
Electric panel	
Engines and hydraulic instrumentation	

## HARVESTING HEAD

2 vertical cutter blades with replaceable teeth	
1 horizontal cutter blade with replaceable teeth	
Width	1.900 mm
Adjustment cutting speed	

## HARVESTING CONVEYOR

Supporting structure and net in stainless steel AISI 314	
Driven by hydraulic motor with rpm regulation	from 0 to max
Depth regulation by hydraulic jack	from 0 to 1.400 mm

## STORAGE CONVEYOR

Supporting structure and net in stainless steel AISI 314	
Driven by hydraulic motor with rpm regulation	from 0 to max

## UNLOADING CONVEYOR

Supporting structure and net in stainless steel AISI 314	
Driven by hydraulic motor with rpm regulation	from 0 to max

## MAIN CHARACTERISTICS

- Available custom made in order to satisfy the specific customer requests
- Dismountable and transportable by road or sea
- Easy and fast assembly and dismounting
- Agile and versatile
- Highly stocking capacity
- Able of working in water and low bottoms
- The collected material is discharged in the appointed collecting point through a conveyor unloading system
- Maximum stability and on board safety guaranteed
- Easy to operate by a single person from the control cabin
- On site operator at delivery time for mounting and testing the dredger
- Low maintenance costs
- Lifetime technical support from the company
- Spare parts available from stock

## ADDITIONAL FEATURES

- Wide range of services and optional equipment available – tender boat to collect the material harvested and bring it to the shore
- Control cabin
- Air conditioning
- Heating system
- In loco operators' training



Via Malpasso, 1389 - San Giovanni in Marignano, 47842 (RN) - Italy  
tel. +39 0541 955181 - fax +39 0541 956512 - mob. +39 335 7019671

info@italdraghe.it  
www.italdraghe.it

