

Technical Data

SPECIFICATIONS	UOM	KAM-MATE M5 40	KAM-MATE M5 20	KAM-MATE M5 45
Engine		"4 Cyl.Deutz Turbo-engine; exhaust stage 3b"		
Power (max)	max.	115 kW (157 HP) at 2600 U/min.		
Power (adjusted)	adjusted	114 kW (155 HP) at 2000 U/min.		
Hydraulic System		LUDV Load-Sensing		
Content System	Liter	160		
Hydraulic Pump	l/min.	280		
Working Pressure	bar	300		
Powerline	l/min.	185		
Driving Pump	l/min.	175		
Alternator	Amp	100		
Battery	Volt	24 (2x 12 / 815 CCA)		
Electrical Power	Watt	2400 Watt available		
Starter	kW	7.2 kW		
Content System	Liter	435 Liter		
Swivel Speed	U/min.	up to 10		
Swivel Force	Nm	50300		
Cabin		panoramic cabin (better overview)		
Lifting Capacity At 3.0 M	kg	9200		
Lifting Capacity At 4.5 M	kg	6000		
Lifting Capacity At 6.0 M	kg	4100		
Tuning Radius	mm	8300	7300	8300
Weight Without Accessories	kg	12000	10700	12000
Travel Speed	kmph	10	15	10
Drive	type	Hydrostatic		
Drive line	drive	4 wheel	2 wheel	4 wheel
Steering	no. of wheels	2	2	All 4
Max. Excavation Depth With Adjusted Chassis	mm	5120	5470	5120
Max. Excavation Depth Chassis Horizontal	mm	4730	4730	4730
Max. Excavation Height With Adjusted Chassis	mm	9360	9870	9360
Max. Excavation Height Chassis Horizontal	mm	7700	7700	7700
Max. Discharge Height With Adjusted Chassis	mm	7420	7940	7420
Max. Discharge Height Chassis Horizontal	mm	5890	5890	5890
Max. Jib Range (From Chassis Centre)	mm	8210	8210	8210
Min. Swivelling Radius (From Chassis Centre)	mm	2480	2480	2480
Max. Positioning Width Hub Drive/Rear Wheels	mm	4600	4530	4600
Max. Positioning Width Stabilizers/Front Wheels	mm	6140	6730	6140
Transport Height	mm	2550	2550	2550
Transport Width	mm	2300	2230	2300
Chassis Length Overall	mm	5880	5830	5880

Imported from M/s MENZI MUCK, Widnau, Switzerland (Two KAM-MATES M5-40 can fit in a 40 ft. High Cube Container)

Call us to understand your application better and together evolve a workable solution.

KAM-AVIDA

ENVIRO ENGINEERS PVT. LTD.

ISO 9001 : 2008

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Our Sales & Service Locations:

- Akola ● Asansol ● Bangalore ● Bokaro ● Chandigarh ● Chennai ● Coimbatore ● Cuttack ● Dehradun ● Delhi ● Hyderabad ● Indore ● Jaipur ● Jammu ● Jamshedpur ● Kanpur ● Kolkata ● Ludhiana ● Mapusa ● Meerut ● Mumbai ● Nagpur ● Patna ● Pune ● Raipur ● Satna ● Shimla ● Siliguri ● Srinagar ● Thane ● Trichy ● Vadodara

ISO 9001 : 2008

HS Code : 8429.5210

MOBILE ALL TERRAIN EXCAVATOR

KAM-AVIDA

ENVIRO ENGINEERS PVT. LTD.

GEAR UP TO CLEAR UP



menzi muck



- Hydrostatic two wheel drive over the two big wheels
- Two removable shafts with two small steering wheels
- Hydraulic telescopic stabilization



- Hydrostatic all wheel drive over four big wheels
- P-Matic parallel stabilization
- Option : mountain steel pads mechanically or hydraulically telescopic



- Hydrostatic All Wheel Drive Over Four Big Wheels
- Steering Capability On All Four Wheels
- Ideal For Rail-cum-road Applications

Equipment:

Fully built by and imported from M/s MENZI MUCK, Widnau, Switzerland, a widely known Market and A Technology Leader Company for the design and manufacture of a range of Mobile All Terrain Excavator, KAM-MATE

Designed for the most demanding and arduous work environments, the KAM-MATE M5-20 and the M5-40 continue working where other equipment cease doing so. These robustly built walking excavators are an Engineering Marvel and are incomparable to any existing excavating machines working in very trying conditions.

Equipped with a powerful 157hp Deutz Engine, the all hydraulic KAM-MATE M5 series excavators come fitted with four joy stick controlled, independent hydraulic circuits with Sensitive LUDV Load Sensing system. With its 360° endless swiveling radius at a speed of 10rev/min., the KAM-MATE is truly a workhorse. The powerful, closed circuit hydrostatic drive, allows the KAM-MATE to reach maximum travelling speeds of up to 15kmph.

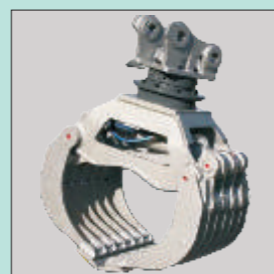
The 1800mm extendable power boom, the spacious and clear panorama-security vibration free, hydraulically tilted cabin/cockpit that has the highest in its class Roll-Over-Protection, offers an optimal, unobstructed view on all sides during operations making it the preferred equipment to own.

Applications:

- **The KAM-MATE M5 40** – Ideally suitable for Municipal applications such as Ditch Cleaning (Open nallas, culverts and shallow water bodies) and Disaster Management Programs.
- **The KAM-MATE M5 20** – Ideally suitable for Military Engineering applications such as construction of Border Roads in rough, mountainous terrains.
- **The KAM-MATE M5 45** with a Rail-cum-Road attachment – Ideally suitable for Indian Railways applications.



Sifting Bucket



Demolition & Sorting Grab



Universal Grab



Impact Hammer

All Terrain Applications

Cleaning of culverts / Open nallahs



<http://youtu.be/R0d-0sq1jMs>

Cleaning of canals, water ways and embarkment



Dredging and diversion of shallow water



<http://youtu.be/QFSg-x1Tdo>

Cleaning hilly terrains for path ways



Working in a Disaster Affected Areas- Civil



Civil natural calamities



Rail cum road equipment for maintenance and disaster management



<http://youtu.be/QFSg-x1Tdo>



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