



HARS TRAKTÖR



The tractor of difficult conditions

105 HP

399 S 4WD



Customer call centre

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www.harstraktor.com

399 S 4WD TRACTOR WITH CABIN TECHNICAL SPECIFICATION

ENGINE

Trade mark / Type	EURO III / Perkins UK 1104D-44TA
Cylinder volume / No	4.4 Liter / 4
Injection type	Direct injection
Compression ratio	18.2:1
Cylinder diameter / Stroke	105 x 127 mm
Cooling	Water cooled
Aspiration	Intercooler / Turbo chargeable
Air filter	Dry type / Double element
Exhaust	Vertical
Maximum power	105 hp / 2200 RPM
Maximum torque	405 Nm / 1400 RPM
Engine oil capacity	10,5 lt

CLUTCH

Type	13" Split torque single clutch
Clutch disc	Cermetalllic pad
Clutch disc diameter	13 " - 330 mm

POWER TAKE -OFF

Type	IPTO, Two speed independent hydraulic control
Rotation	540 / 750 / 1000 RPM
Diameter	35 mm (1.3/8 ")
Number of spline	6
Maximum power	105 hp
Power (540 rpm)	90 hp

STEERING

Type	Hydrostatic
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REAR AXLE AND BRAKES

Type	Oil bath sintered disc
Control	Hydraulic
Number of disc	4 pcs (On each side)
Parking brake	With hand lever
Differential lock	Mechanical

WHEEL AND TIRES

Front wheel	12 x 28
Front tires	13.6 - 28
Rear wheel	14 x 38
Rear tires	16.9 - 36

ELECTRICS

Voltage	12 V
Battery	1 x 105 Ampere
Alternator	80 Ampere
Starter	3.2 kw

DASHBOARD

Type	Single block
Indicators	Tractor meter, fuel and engine temperature gauge. (Electional transmitted)

Warning lights	Direction indicator	Air filter
	Battery charge	E - Lift
	Engine oil pressure	Differential lock
	Main-beam headlamp	Fuel - water
	Hazard warning signal	Fuel heating
	IPTO	Pto actuating
	4 x 4	

TRACTOR WEIGHT

Front axle weight	1500 kg
Rear axle weight	2150 kg
Total tractor weight	3650 kg
Tractor weight with front and rear ballast weights	4180 kg

CAPACITIES

Fuel tank	90 lt
Engine sump	10 lt
Cooling system	15.5 lt
Hydraulic system	48 lt
Front axle 4x4	5.8 lt
Traction gear (final reduction per side)	3 lt

NOTE : MANUFACTURER HARS TRAKTOR A.S. ADOPTS A POLICY OF CONTINUOUS IMPROVEMENT. THUS, IT RESERVES THE RIGHT TO CHANGE THE TECHNICAL SPECIFICATIONS OF PRODUCTS ANY TIME WITHOUT PRIOR NOTICE.

GEARBOX AND ROADSP EEDS

Synchronized 12 forward 4 reverse
Rear tyre radius has been calculated as 800 mm

Group/Ratio		Gear	2200 min.nom. Engine forward speed* km/h
L LOW	K TURTLE	1	2,12
		2	3,19
		3	5,86
		R	3,19
	T RABBIT	1	2,71
		2	4,04
		3	7,40
		R	4,04
H HIGH	K TURTLE	1	8,81
		2	13,10
		3	23,71
		R	13,10
	T RABBIT	1	11,22
		2	16,37
		3	31,20
		R	16,37

FRONT WEIGHTS

Max.	8 x 40 kg + 50 kg
Total	370 kg

REAR WEIGHTS

On each wheel	80 kg
Total	160 kg

HYDRAULIC SYSTEM

Functions	Depth Control, Position Control Sensitivity Control, Lift Automatic
Max. pump flowrate	27.6 lt / minute
Max. pump pressure	210 Bar
Extra lifting cylinder	2 pcs
Max. lifting capacity	3365 kg
Lower links	Categori II

EXTERNAL HYDRAULIC

Pump flowrate	36 lt / minute
Spool valve	6 pcs (six output)
Spool valve max. oil flowrate	36 lt / minute
Pressure	220 Bar

STANDARD ACCESSORIES

Trailer hitch	7 Pin socket plug
Tool box	Working lamp
External telescopic stretcher	Coupling device
Beacon lamp	Hydraulic adjustable center arm
Carraro Front Axle	

CABIN

Air conditioner
Adjustable Seat
Radio, usb
Windscreen wiper
Ligther, ashtray
Rear view camera

DIMENSIONS

* Height from ground to cabin	2855 mm
* Total length	4020 mm
* Total width	2015 mm
* Wheelbase	2310 mm



HARS TRAKTÖR
VE YEDEK PARÇA ÜRETİMİ
OTOMOTİV SANAYİ İÇ VE DIŞ TİCARET
PAZARLAMA ANONİM ŞİRKETİ

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