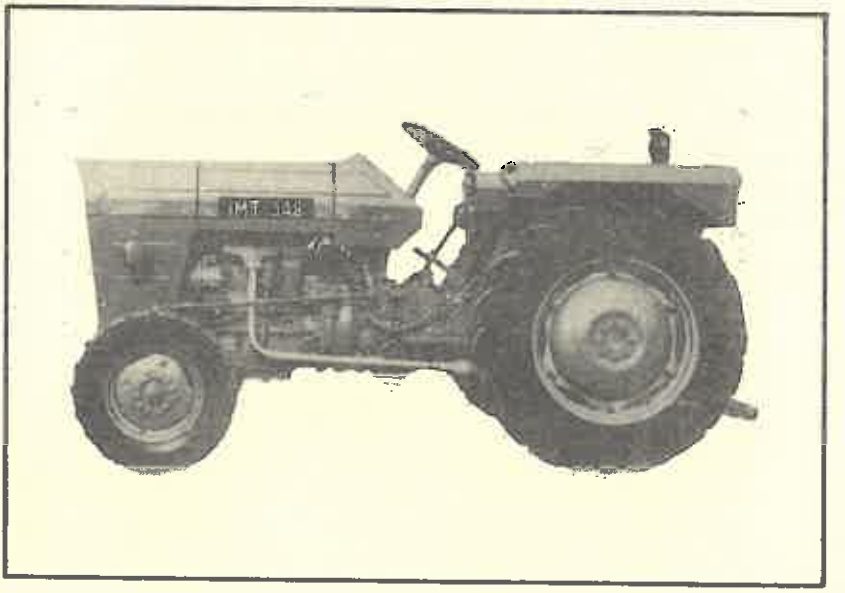
O.E.C.D. Report N° 618
Printed: September 1979

Report on Test in Accordance with O.E.C.D. STANDARD-CODE for the Official Testing of Agricultural Tractors



TRACTOR IMT - 548

Manufactured by: Industrija mašina i traktora (IMT)
Beograd - Yugoslavia

Date of Tests: May - June 1976

INSTITUT ZA MEHANIZACIJU POLJOPRIVREDE - ZEMUN

This Bulletin is based on engineering tests in accordance with the O.E.C.D. STANDARD-CODE for the Official Testing of Agricultural Tractors.

It does not contain an evaluation of the performance of the tractor on practical work.

This Report has been aporoved by the O.E.C.D. Co-ordinating Centre (C.N.E.E.M.A., France) as being in accordance with the O.E.C.D. STANDARD-CODE.

Date of Approval: June 1 st, 1979.

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Tractor manufacturer's name and address:	IMT-Industrija mašina i traktora Beograd - Yugoslavia
Submitted for test by:	The manufacturer
Selected by:	Representatives of the Institute for Agricultural Mechanization
Place of tunning-in:	Institute for Agricultural Mechanization, Beograd - Zemun, Yugoslavia
Duration of running-in:	6o hours

SPECIFICATION OF TRACTOR

Tractor

Make:	Industrija mašina i traktora (IMT) Beograd - Yugoslavia
Model:	IMT - 548
Type:	Four wheel, rear wheel driven, unit construction type
Serial N^{o}	prototype

Engine

Make:	FIAT - ITALIA
Model:	8o35 I
Type:	Four-stroke, diesel, direct injection
Serial N^{o}	557lo7
Cylinders:	
Number	3
Disposition	Vertical, in-line
Bore/stroke	loo/llo mm
Capacity	2592 cm^{3}
Compression ratio	17
Arrangement of valves	Overhead
Cylinder liners	Cast iron alloy, dry, replaceable

Fuel system

Fuel feed system:	Membrane type feed pump
Make, type and model of fuel filters:	CAV, with replaceable catridges, two filters and a pre-filter
Capacity of fuel tank:	5o l
Make, type and model of injection pump:	CAV, rotary,
Serial N°:	11864 SS
Manufacturer's production setting:	5o mm^3 per stroke at full load and 225o engine r.p.m. (235,5 $^{rad}/_{sec}$) Injection timing 2o° before T.D.C.
Make, type and model of injectors:	CAV, 64 F
Manufacturer's production setting:	225 ± 5 bar

Governor

Make:	CAV
Type:	Mechanical, all range
Range of speed:	47o - 245o engine r.p.m. (49,2 - 256,5 rad/sec)
Nominal speed:	225o engine r.p.m. (235,5 rad/sec)

Air cleaner

Main:	
Make, type and oil capacity:	"IKARUS" - Zemun, oil bath, o,4 l
Pre-cleaner:	
Make and type:	"IKARUS", centrifugal

Lubrication system

Type:	Forced feed
Type and number of filters:	Two pre-filters and a filter with replaceable cartridge
Changing period:	4oo hours

Recommended type of lubricant:	SUPER HD S_1 SAE 3o above 2o°C SAE 2o 0° - 25°C SAE 1o below 0°C
Oil capacity:	5,7 l
Changing period:	2oo hours

Cooling system

Type:	Water cooled, impeller assisted
Details of pump and fan:	Pump capacity 93 l/min, fan dia 395 mm.
Coolant capacity:	1o l
Means of temperature control	Thermostat
Coolant pressure:	1,4o bar

Starting system

Make:	"ISKRA" - Kranj
Type:	Electric starter motor - Solenoid type, 2,94 kW (4,o met.hp)
Aids for cold starting:	Automatic heating coil

Electrical system

Voltage	12 V, negative earth
Generator:	
Make	"ISKRA" - Kranj
Type	D.C. electric generator, o,59 kW (o,8o met. hp.)
Battery:	
Make	Vesna
Type	Lead acid
Capacity	135 Ah at 2o hours rating

Transmission

Clutch:	
Make	FRAD - Beograd
Type	Dry, daul friction disc type double acting clutch operated by a pedal

	Single friction disc type clutch availiable optionally
Diameter of discs	Tractor drive disc dia 3oo mm p.t.o. shaft drive disc dia 228,6 mm
Method of operation	Mechanical, pedal operated
Gearbox:	
Make	Own
Type	Mechanical 3 forward and 1 reverse gear (gearbox) with sliding gears and high and low speed selector
N° of speeds	6 forward 2 reverse
Rear axle and final drive:	
Make	Own
Type	Crown wheel and pinion with diferential gear
Differential lock	Yes
Type	Tooth clutch
Method of operating lock	Mechanical
Recomended oil:	Galax traktol.HT: John Deere J 14B Massey Ferguson M-1135, Ford M2C -86A, IHC HY-Tran B-6, Fiat Af-87
Oil capacities:	
Gearbox, rear axle and final drive	32 l
Change period	4oo hours

	Gear N°	Number of engine revolucions for one revolution of driving wheel	Nominal travelling speed for rated speed of engine
Forward	1 low	23o,7	2,2 km/h
	2 low	153,8	3,3
	3 low	83,8	6,o
	1 high	57,7	8,7
	2 high	38,5	13,1
	3 high	21,o	24,o
Reverse	low	169,2	3,o
	high	42,3	11,9

Calculated with rear wheel rolling radius of 594 mm

Power take-off

Main:

Location	Rear, in the median plane of the tractor
Height above ground	467 mm
Dimensions	Ø 34,9 mm (1 3/8"), 6 splines (acc. to JUS M.Ll.601, DIN 9611 Forma, BS 1495, ASAE S.203.7)
Proportional to engine speed p.t.o.	720 r.p.m. (75,4 rad/sec) at 2250 engine r.p.m. (235,5 rad/sec) Semi-independent p.t.o. driven by the second disc of the double acting clutch operated by a pedal. Proportional engine speed 1685 r.p.m. (176,4 rad/sec) at standard p.t.o. speed of 540 r.p.m. (56,5 rad/sec). Direction of rotation clockwise, viewed facing driving end.
Ground speed:	
Distance travelled for 1 revolution of p.t.o.	0,51 m
No. of p.t.o. revolutions for 1 revolution of driving wheel	7,31
Direction	Clockwise, facing driving end with tractor in forward gear

Belt pulley

Location	at rear of tractor
Dimensions:	
width	165 mm
diameter	286,6 mm

Speeds:	
linear	1182 m/min
rotational	1313 r.p.m. (137,5 rad/sec) at rated engine speed of 2250 r.p.m. (235,5 rad/sec)
Engine speed	1799 r.p.m. (188,4 rad/sec) at standard linear speed of 945 m/min
Direction of rotation	clockwise viewed face of pulley
Power lift	
Make	own
Type	Four cylinder piston pump located in central housing, driven by p.t.o. shaft front end, with control valve at suction side, power lift cylinder and three external connections
Oil capacity	Operates with gear box oil
Category	I
Description of controls	Position and draught control
Swinging drawbar	
Type	Fixed, horizontally adjustable
Height above ground:	
maximum	372 mm
minimum	282 mm
Method of changing position	By turning bar upside down
Distance from rear axle	805 mm at minimum height (at the rear)
Position relative to p.t.o.	544 mm at minimum height
Lateral adjustment	216 mm both sides by 48 mm steps
Diameter of the coupling pin	30 mm
Pivot position relative to rear wheel center	135 mm in front
Hitch	
Height above ground	311 mm
Distance from rear axle	389,5 mm
Position relative to pto	128,5 mm at the rear
Diametar of the coupling pin	30 mm

Steering

Make	Own
Type	Worm with travelling balls
Method of operation	Manual control, two arms and two connecting rods

Brakes

Make	Own
Type	Drum and shoe, independent or combined operated by pedals connected or disconnected
Method of operation	Pedal, mechanically actuated
Type of parking brake	Hand-lever actuating main brake

Wheels

Steering wheels:

Number	2
Arrangement	Front
Type of tyres	Agricultural, diagonal type casing
Size	6 x 16"
Ply rating	6
Rim size	4.5 x 16"
Maximum permissible weight on each tyre	535 kg at 1,75 bar inflation pressure
Track width	1400 - 2000 mm by 100 mm steps
Method of changing	Extending axle

Driving wheels

Number	2
Position	Rear
Type of tyres	Agricultural, diagonal type casing
Size	11 x 28"
Ply rating	6
Rim size	9 x 28"

Mahimum permissible weight on each tyre	95o kg at 1,o bar inflation pressure
Track width	132o - 193o mm adjustable in loo mm steps
Method of changing	Reversing wheel discs and rims
Wheelbase	195o mm

Lighting

	Height above ground of centre cm	Diameter cm	Distance from outside edge of tractor to centre cm
Head lights	loo	13	2o
Side lights	13o	8	22
Rear lights	13o	5x15	22
Reflectors	155	15	4o

Unrestricted beam angle of headlight in plan view 32°

Number of grease points

grease	7
oil	6

CONDITIONS DURING TEST

Weights

Tractor without driver but with tanks full

	Front kg	Rear kg	Total kg
Without ballast	725	1o9o	1815
With ballast	98o	1o9o	2485

Ballast

	No. of weights	Total Weight kg (excluding water)	Water kg
Front			
Rear	4	212	278
Additional[X]	6	18o	-

[X]On the frame in front of the engine

Track setting

During test: Front 14oo mm
Rear 1325 mm

Overall dimensions

	Lenght m	Width m	Height[X] m
Without ballast	3,37	1,8o	1,62
With ballast	3,69	1,81	1,62

[X]Overall height measured to top of steering wheel

Ground clearance: 34o mm in tractor's median plane

Seat

Make	Own
Type of suspension	Helical spring
Type of damping	Hydraulic
Range of adjustment	7o mm for and aft, lateral inclination $1o^{o}$, 6o - 13o kg

Fuels and Lubricants used in tests

Laboratory and track tests:

Fuel:	
Type	Diesel oil D2
Specific gravity at $15^{o}C$	o,825 g/cm^{3}
Cetane number	57
Engine oil:	INA Super HD S_{1} SAE 3o
Type	
Transmission and power lift oil:	
Type	Traktol M-8o, HENA

COMPULSORY TESTS

(1) MAIN POWER - TAKE - OFF PERFORMANCE

Date and location of tests: 17 th May 1976 Institut za mehanizaciju poljoprivrede - Zemun

Type of dynamometer: Hydraulic brake SCHENCK U1 - 3o

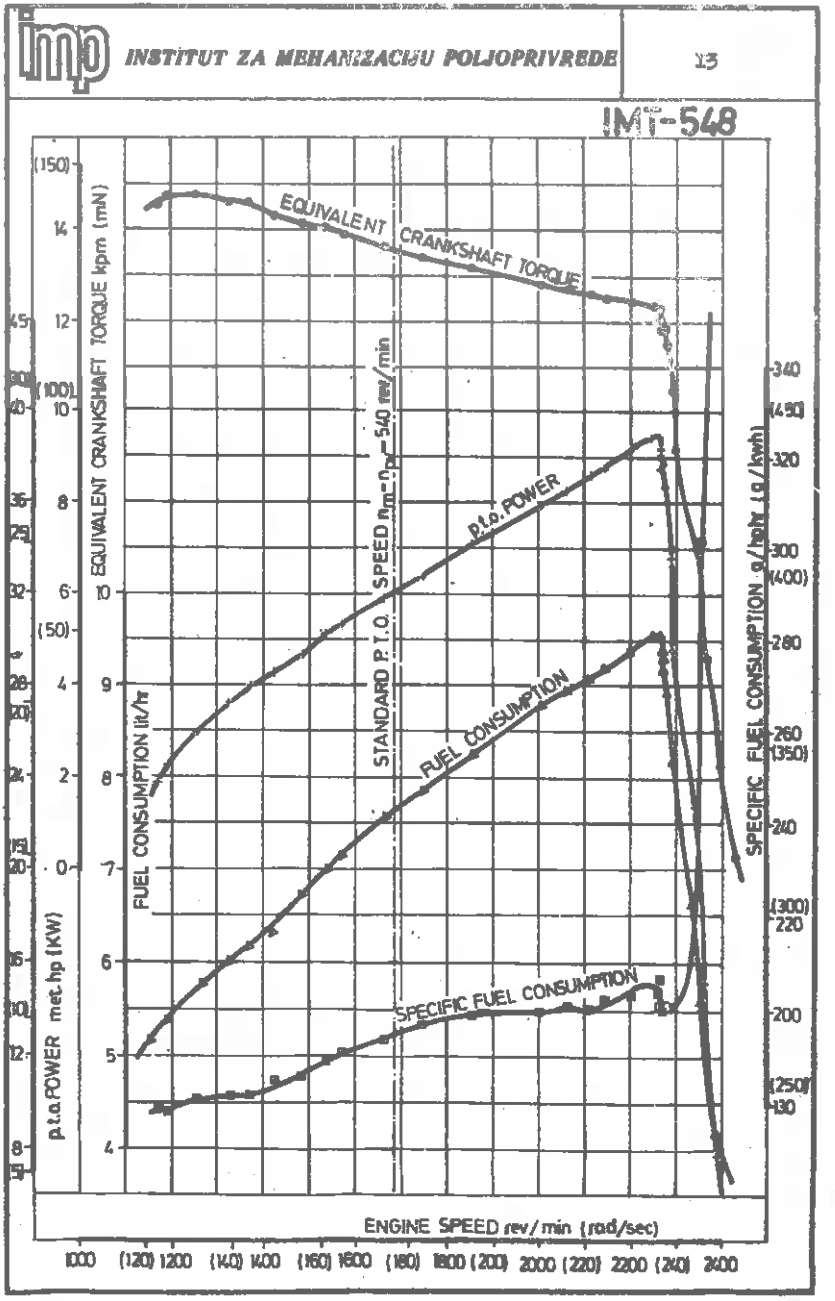
Power	Speed engine	Speed p.t.o.	Fuel consumption total	Fuel consumption specific	Specific energy
kW (met.hp)	rev/min (rad/sec)	rev/min (rev/min)	l/h (kg/h)	g/kWh (g/hph)	kWh/l (hph/l)
MAXIMUM POWER - 2 hours test					
28,57 (38,86)	2247 (235,3)	719 (75,3)	9,47 (7,8o)	273 (2o1)	3,o2 (4,11)
STANDARD P.T.O. SPEED (54o rev/min)					
23,53 (32,oo)	1687 (176,6)	54o (56,5)	7,56 (6,24)	265 (195)	3,11 (4,23)
THE SPEED RECOMENDED BY THE MANUFACTURER FOR DRAWBAR WORK					
28,61 (38,91)	225o (235,6)	72o (75,4)	9,49 (7,82)	273 (2o1)	3,o1 (4,1o)
PART LOADS					
(i) 85 % of the torque at maximum power					
24,72 (33,62)	229o (239,8)	733 (76,7)	8,18 (6,75)	273 (2o1)	3,o2 (4,11)
(ii) unloaded					
o,69 (o,94)	2435 (254,9)	779 (81,6)	3,o8 (2,54)	-	-
(iii) 5o % of the load defined in (i)					
12,7o (17,27)	2352 (246,3)	753 (78,8)	5,63 (4,64)	366 (269)	2,26 (3,o9)
(iv) maximum power					
28,63 (38,94)	225o (235,6)	72o (75,4)	9,52 (7,86)	275 (2o2)	3,o1 (4,o9)
(v) 25 % of the load defined in (i)					
6,39 (8,69)	2384 (249,6)	763 (79,9)	4,12 (3,4o)	532 (391)	1,55 (2,11)
(vi) 75 % of the load defined in (i)					
18,78 (25,54)	2321 (243,o)	743 (77,8)	6,59 (5,44)	29o (213)	2,85 (3,88)

No load maximum engine speed: 2438 rev/min (255,3 rad/sec)

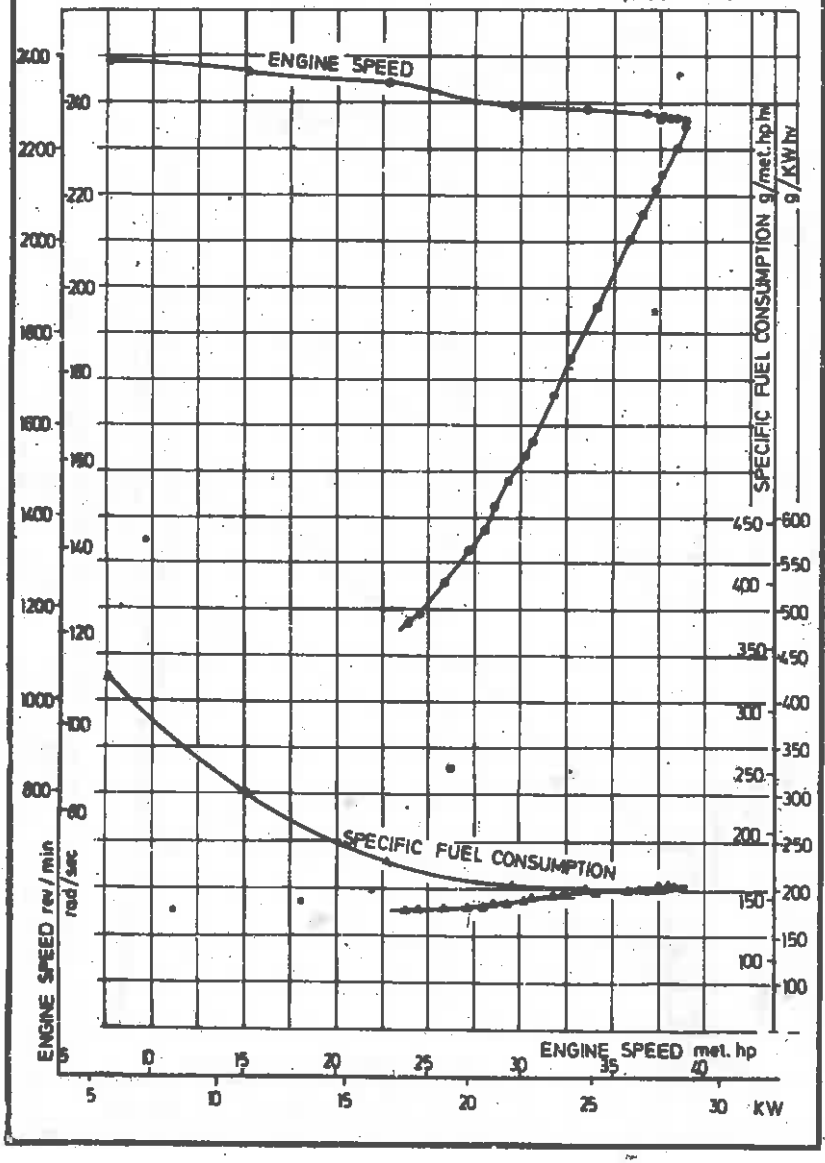
Equivalent crankshaft torque at maximum power: 121,4 Nm (12,38kgm)

Maximum equivalent crankshaft torque: 144,8 Nm (14,77 kgm)
at 1257 rev/min (131,6 rad/sec)

Mean atmospheric conditions:	temperature	2o-24 °C
	pressure	1o12 mbar
	relative humidity	65-68 %
Maximum temperatures:	coolant	92°C
	engine oil	114°C
	fuel	23°C


IMT-548
EQUIVALENT CRANKSHAFT TORQUE
P.t.o. POWER
FUEL CONSUMPTION
SPECIFIC FUEL CONSUMPTION
STANDARD P.T.O. SPEED $n_m=n_{pr}=540$ rev/min
EQUIVALENT CRANKSHAFT TORQUE kpm (mN)
FUEL CONSUMPTION lit/hr
p.t.o. POWER met.hp (KW)
SPECIFIC FUEL CONSUMPTION g/hphr (g/kwh)
ENGINE SPEED rev/min (rad/sec)
1000 (120) 1200 (140) 1400 (160) 1600 (180) 1800 (200) 2000 (220) 2200 (240) 2400

IMT - 548


ENGINE SPEED
SPECIFIC FUEL CONSUMPTION
SPECIFIC FUEL CONSUMPTION g/met.hp/h
g/KW.hr
ENGINE SPEED rev/min
rad/sec
ENGINE SPEED met. hp
KW

DRAWBAR PERFORMANCE

(2) DRAWBAR PERFORMANCE with 11 x 28" tyres

Date of test 14 and 15 June 1976

Type of track Concrete

Height of drawbar above ground 68o mm ballasted, 72o mm unballasted

Gear No.	Speed km/h	Power kW (met.hp)	Drawbar pull N (kp)	Engine speed rev/min (rad/sec)	Wheel slip %	Fuel consumpt. kWh/l (hph/l)	Fuel consumpt. Specific g/kWh (g/hph)	Temperature Fuel °C	Coo-lant °C	Engi-ne °C	Tempe-rature °C	Relative humidity %	Atmospheric conditions Pressure mmHG
	1	2	3	4	5	6	7	8	9	1o	11	12	13
	MAXIMUM POWER (ballasted)												
1 low	1,89	8,65 (11,76)	16481 (168o)	2389 (25o)	15,oo	1,75 (2,38)	471 (346)	27	91	1o9	26	92	76o
2 low	2,81	12,87 (17,49)	16481 (168o)	2389 (25o)	15,oo	2,18 (2,97)	378 (278)						
3 low	5,o2	22,98 (31,23)	16481 (168o)	2326 (244)	15,oo	2,49 (3,38)	332 (244)						
1 high	7,85	24,52 (33,31)	11232 (1145)	2296 (24o)	7,1o	2,59 (3,52)	318 (234)						
2 high	11,85	23,92 (32,5o)	7259 (74o)	2248 (235)	4,62	2,48 (3,37)	333 (245)						
3 high	22,12	21,4o (29,o8)	3483 (355)	2239 (234)	2,49	2,29 (3,11)	36o (265)						

Maximum drawbar pull 16481 N (168o kp) at 15 % wheelslip

continued.....

DRAWBAR PERFORMANCE – continuation

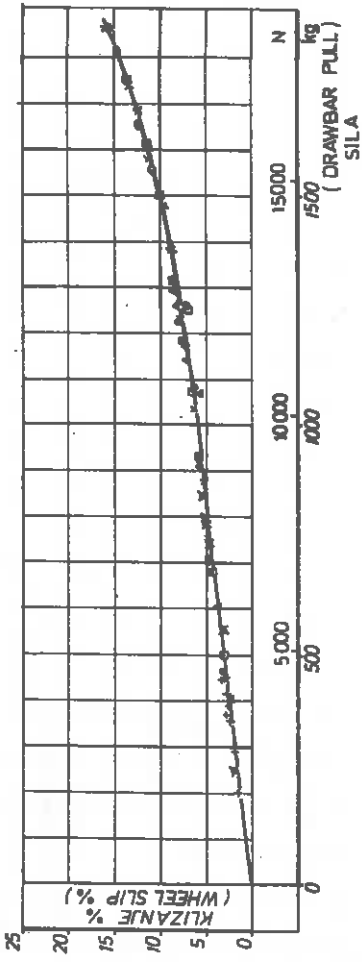
	1	2	3	4	5	6	7	8	9	1o	11	12	13
II FIVE HOUR TEST at 75 % of pull at maximum power													
3 low	5,42	18,61 (25,29)	12361 (126o)	–	7,92	2,46 (3,34)	336 (247)	27	92	11o	27	92	761
III FIVE HOUR TEST at 75 % of pull at maximum power													
3 low	–	–	168o	–	–	–	–	26	92	111	27	96	761
IV MAXIMUM POWER (unballasted)													
1 low	1,9o	7,2o (9,79)	13636 (139o)	239o (25o)	15,oo	1,54 (2,o9)	536 (394)	26	9o	1o8	24	96	761
2 low	2,97	11,27 (15,32)	13636 (139o)	2382 (249)	15,oo	2,o6 (2,8o)	4oo (294)						
3 low	5,15	19,44 (26,42)	13636 (139o)	2366 (247)	15,oo	2,42 (3,29)	341 (251)						
1 high	7,82	24,4o (33,15)	11232 (1145)	2283 (239)	7,52	2,56 (3,48)	322 (237)						
2 high	11,84	24,2o (32,89)	7357 (75o)	2276 (237)	4,42	2,52 (3,42)	327 (241)						
3 high	21,66	23,32 (31,69)	3875 (395)	2241 (235)	2,4o	2,53 (3,44)	326 (24o)						
Maximum drawbar pull 13636 N (139o kp) at 15 % wheelslip													

Remark: Five hour test at pull corresponding to 15 % wheelslip (III) was carried out with additional ballast. Therefore results of test for power, wheelslip, speed and fuel consumption would not have any practical importance

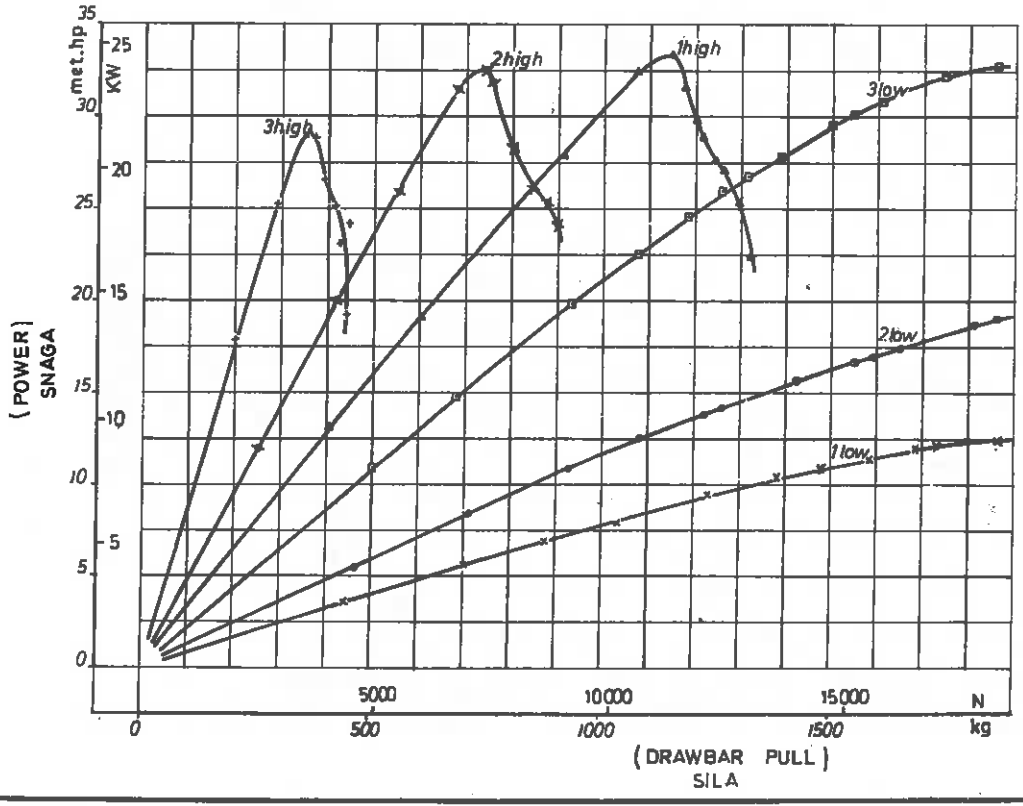
Total oil consumption during ten hours duration of tests II and III was 86 g

DRAWBAR PERFORMANCE

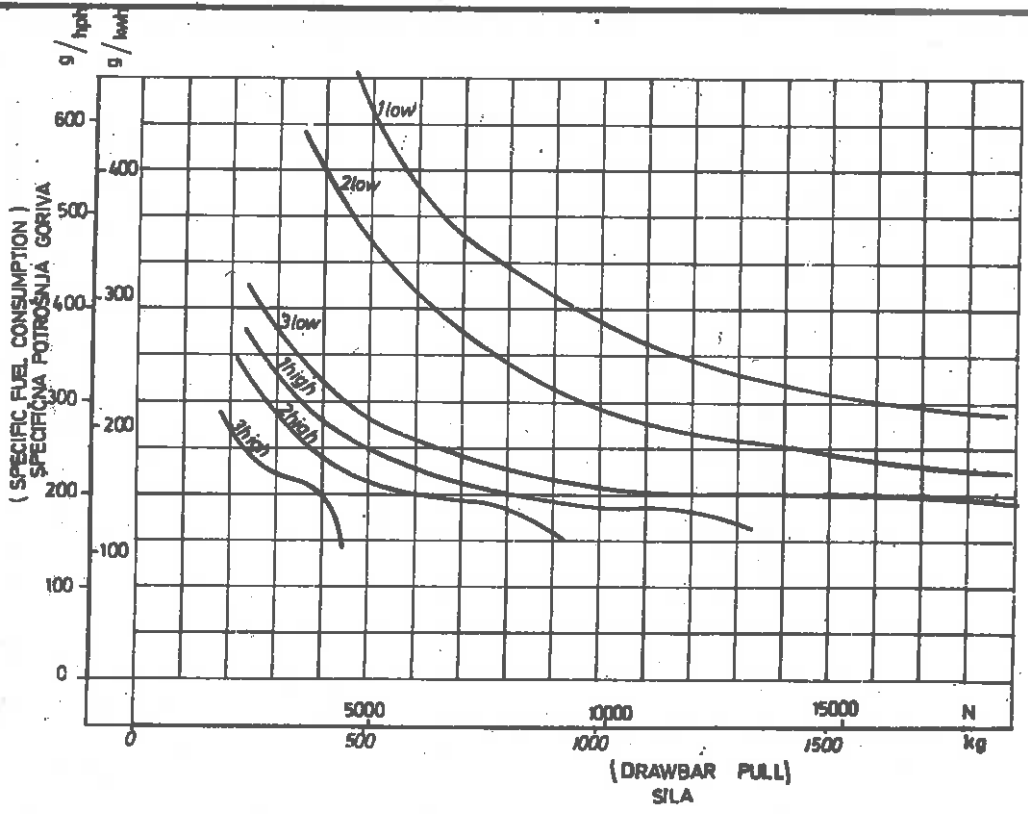
BALLASTED TRACTOR


KLIZANJE %
(WHEEL SLIP %)
25
20
15
10
5
0
0
5000
10000
15000
N
500
1000
1500
kg
(DRAWBAR PULL)
SILA

BRZINA KRETANJA km/h
(SPEED km/h)
0
2
4
6
8
10
12
14
16
18
20
22
24
26
3high
2high
1high
3low
2low
1low
0
5000
10000
15000
N
500
1000
1500
kg
(DRAWBAR PULL)
SILA

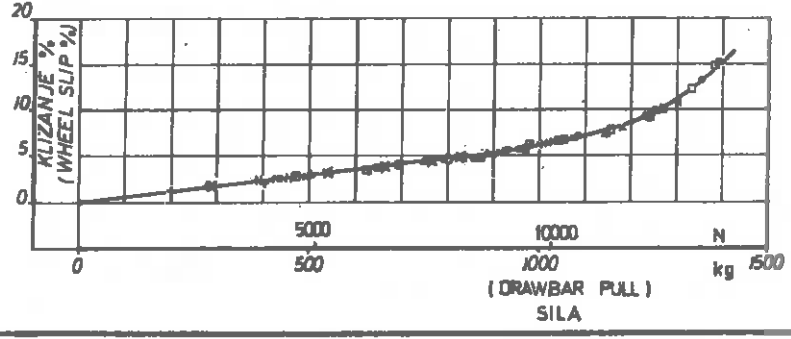

met.hp
KW
(POWER)
SNAGA
3high
2high
1high
3low
2low
1low
5000
10000
15000
N
0
500
1000
1500
kg
(DRAWBAR PULL)
SILA

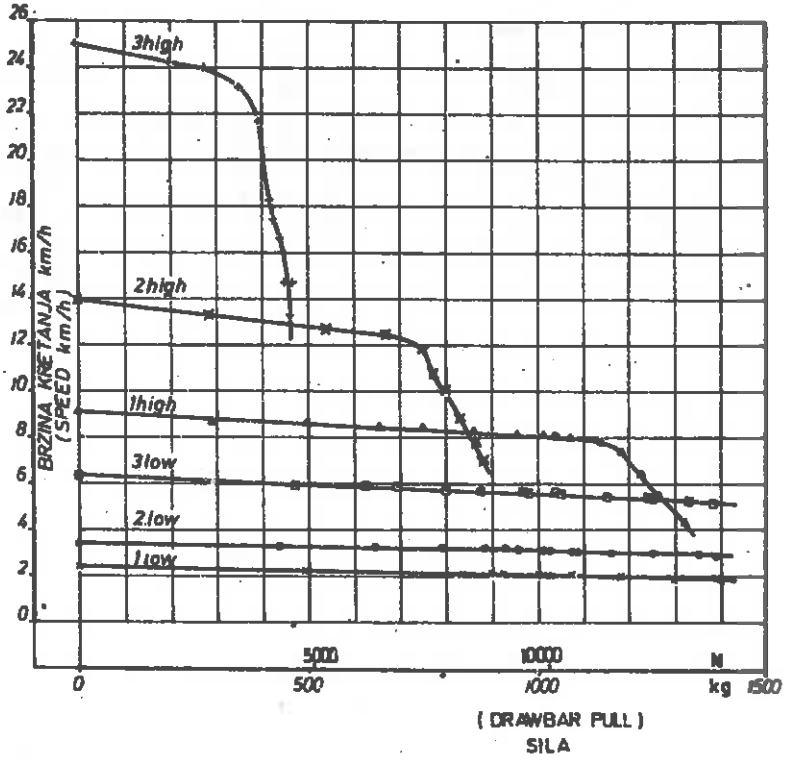
3low
2low
1low
3high
2high
1high
POTROŠNJA GORIVA l/h
(FUEL CONSUMPTION l/hr)
0
1
2
3
4
5
6
7
8
0
500
5000
1000
10000
1500
15000
N
kg
(DRAWBAR PULL)
SILA

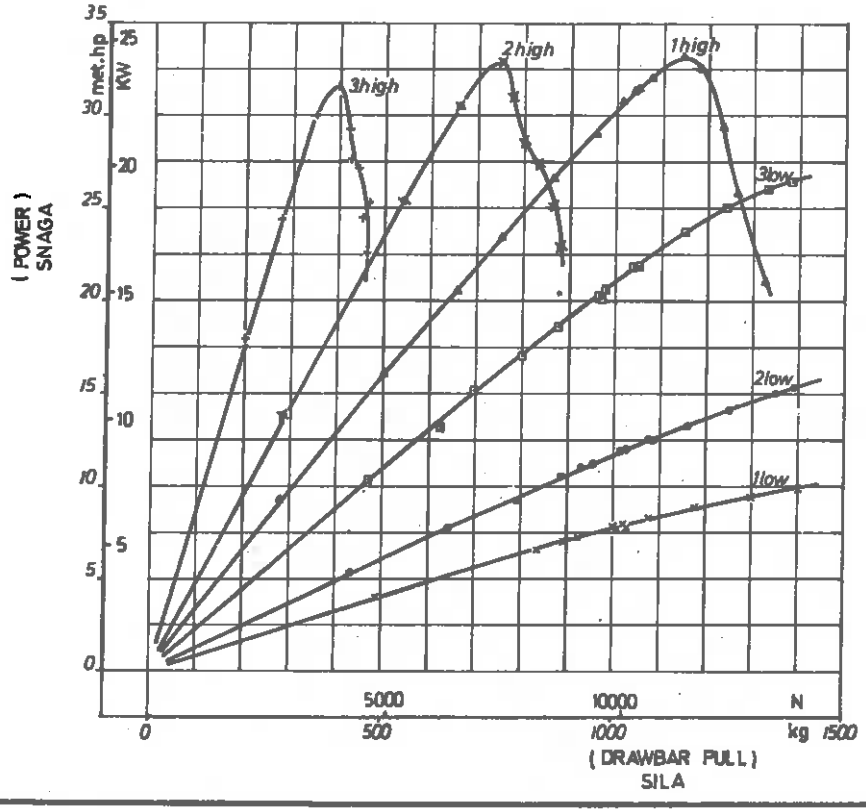

g/hph
g/kwh
600
500
400
300
200
100
0
(SPECIFIC FUEL CONSUMPTION)
SPECIFIČNA POTROŠNJA GORIVA
1low
2low
3low
1high
2high
3high
5000
500
10000
1000
15000
1500
N
kg
0
(DRAWBAR PULL)
SILA

DRAWBAR PERFORMANCE

UNBALLASTED TRACTOR


20
15
10
5
0
KLIZANJE %
(WHEEL SLIP %)
5000
10000
N
0
500
1000
kg
1500
(DRAWBAR PULL)
SILA


3high
2high
1high
3low
2low
1low
BRZINA KRETANJA km/h
(SPEED km/h)
0
2
4
6
8
10
12
14
16
18
20
22
24
26
0
500
5000
1000
10000
kg
N
1500
(DRAWBAR PULL)
SILA


met.hp
KW
35
30
25
20
15
10
5
0
25
20
15
10
5
3high
2high
1high
3low
2low
1low
(POWER)
SNAGA
5000
10000
N
0
500
1000
kg
1500
(DRAWBAR PULL)
SILA

1high
2high
3high
1low
2low
3low
POTROŠNJA GORIVA l/h
(FUEL CONSUMPTION l/h)
8
7
6
5
4
3
2
0
5000
500
10000
1000
N
kg
1500
(DRAWBAR PULL)
SILA

1low
2low
3low
1high
2high
3high
N
kg
(DRAWBAR PULL)
SILA
SPECIFIČNA POTROŠNJA GORIVA
(SPECIFIC FUEL CONSUMPTION)

(3) TURNING SPACE AND TURNING CIRCLE

Details of wheel equipment: fornt 6 x 16"
rear 11 x 28"

Track of wheels: front 14oo mm
rear 1325 mm

Results	With brakes		without brakes	
	right-hand m	Left-hand m	right-hand m	left-hand m
Radius of turning space	3,38	3,5o	3,72	3,9o
Radius of turning circle	3,19	3,38	3,58	3,78

(4) LOCATION OF CENTRE OF GRAVITY

Height above ground	781 mm
Distance forward from the vertical plane containing the axis of the rear wheels	815 mm
Distance from the median plane	2 mm to the left

(5) BRAKING

Date of test	6 June 1976.
Type of track	Asphalt
Weight of tractor ballasted for road work	23o8 kg
Weight of unballasted tractor	189o kg

Cold brakes

	Ballasted	Without ballast
Travelling speed km/h	25	25
Deceleration m/s^2	4,15	4,oo
Stopping destance m	7,o5	7,3o
Force exerted on the brake pedal N (kp)	49o (5o)	422 (43)
Force exerted on tje brake pedal to achive a decelera-tion of 2.5 m/s^2 N (kp)	294 (3o)	275 (28)

Brake fade characteristics (hot test)

Deceleration, hot/deceleration, cold	97 %	98 %
Stopping distance, cold/stopping distance, hot	89 %	9o %
Force on pedal, cold/force on pedal, hot	85 %	9o %

Parking brake

Efficacy of handbrake	
facing up slope	satisfactory
down slope	satisfactory
Pull on handbrake	343 N (35 kp)

(6) MEASUREMENT OF AMBIENT NOISE

Date of test	23 June 1976.
Type of sound level meter	Set of instruments BRUEL & KJAER Type 22o4
Type of track	Concrete

Results of test

Gear	3 high
Travelling speed before acceleration	18,4 km/h
Sound level	85,3 dB (A)

(7) NOISE MEASUREMENT AT THE DRIVER'S EAR LEVEL

Date of test	23 June 1976
Type of sound level meter and octave filter	Set of instruments BRUEL & KJAER Type 2204
Type of track	Concrete

Gear	Results of test: Travelling speed km/h	dB (A)	Sones
1 high	7,15	95,7	107,2

Remark: Test was carried out with horizontal exhaust, tractor without cab

(8) POWER LIFT AND HYDRAULIC PUMP PERFORMANCE

Date and location of test	19 May 1976 Institut za mehanizaciju poljoprivrede - Zemun
Hydraulic fluid	HENA Traktol M-80
Make and type	HENA Traktol M-80
Viscosity	83,6-91,2 Cst at 50°C
Viscosity index	minimum 125
Type of linkage lock for transp.	Mechanical, by means of chain

Pump characteristics

Opening pressure of the relief valve	170 bar (173 kp/cm^2)
Sustained pressure by the open relief valve	190 bar (194 kp/cm^2)
Pump delivery at minimum pressure and rated engine speed	14,3 l/min
Pump delivery rate	13,2 l/min
Delivery pressure	167 bar (170 kp/cm^2)
Power	3,67 kW (4,99 met.hp.)

Linkage geometry when connected to the standard frame

Projected lenght in side view:	
Lower links	864 mm
lift arms	256 mm
lift rods	5oo mm
top link	
Distance of lift rod connection point from pivot point of lower link	374 mm
Following dimensions are given relative to the rear wheel centre line, situated 59o mm above the ground level:	
lower link pivot point	44,5 mm forward 114 mm below
top link pivot point	13o mm behind 278 mm above
lift arm pivot point	195,7 mm forward 241 mm above
maximum and minimum height of lower link hitch points	3o4 mm above 377 mm below
height of lower link hitch points when locked in transport position	adjustable

LIFTING HEIGHTS IN RELATION TO THE HORIZONTAL LINE PASSING THROUGH THE LOVER LINK POVITING POINTS

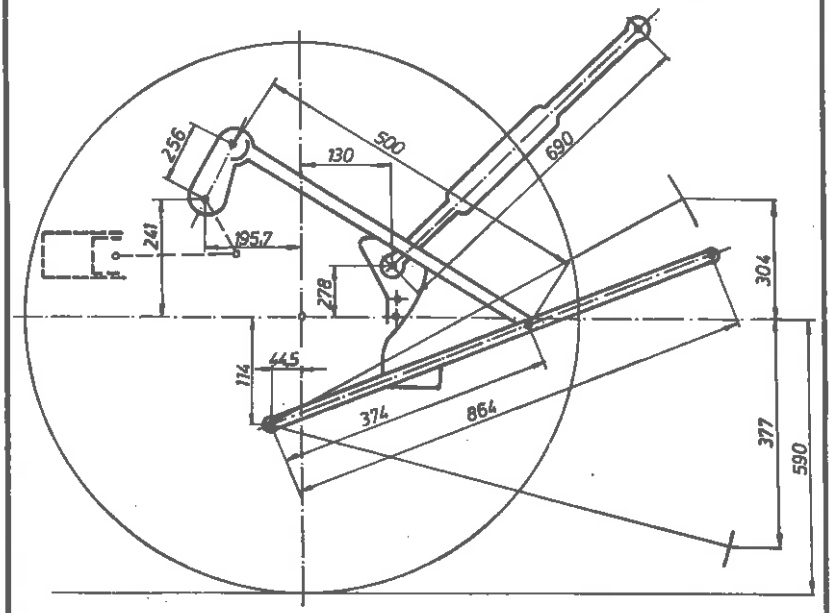
cm	-26,2	-2o,o	-15,o	-1o,o	0	+1o,o	+15,o	+2o,o	+25,o	+3o,o	+35,o	+41,9
Lifting force at the hitch points N(kp)	128o2 (13o5)	13o47 (133o)	13195 (1345)	1344c (137o)	13783 (14o5)	14o28 (143o)	14125 (144o)	14175 (1445)	1437o (1465)	1452o (148o)	14615 (149o)	14862 (1515)

(1) Maximum force exerted throngh whole ràngе 128o2 N (13o5 kp)
Forces were measured at 185 bar (189 kp/cm^2) (maximum pressurs) and the reported date were calculated to correspond to the forces abtained at 17o bar (173 kp/cm^2) maximum hydraulic power pressure).

cm	-29,5	-2o,o	-1o,o	0	+1o,o	+2o,o	+3o,o	+35,o	+4o,o	+45,o	+5o,o	+55,8
Lifting force at the frame N (kp)	11674 (119o)	11576 (118o)	11478 (117o	1133o (1155)	11183 (114o)	11o36 (1125)	1o84o (11o5)	1o693 (119o)	1o644 (1o85)	1o4oo (1o6o)	1o153 (1o35)	937o (955)

(2) Maximum force exerted throngh whole range 937o N (955 kp)
Forces were measured at 187 bar (191 kp/cm^2) (maximum pressure) and the reported date were calculated to correspond to the forces abtained at 17o bar (173 kp/cm^2) maximum hydraulic power pressure).

Uređaj za podizanje - TRAKTOR IMT-548
(Power lift linkage geometry - TRACTOR IMT-548)



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