GBL-X 900







GBL-X 900 Created on 7 Ma	ay 2024 at 10:26:12 AM UTC
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External turning radius over bucket (unbraked)Wa55.70 mStandard tires front / rear12.5 x 18 - 12 PR / 16.9 x 28-12PROptional tyre (front / rear)29 x 16 - 16 PR / 14 x 25 - 20 PRReach at travellingc22098 mmRear akle center to slew centerc31293 mmDeparture anglea220°Angle of Approacha366°Ground clearancem4280 mmPerformances5.40 km /h / 8.60 km /hTravel speed forward 1st / 2nd5.40 km /h / 8.60 km /hTayles peed forward 3rd / 4th5.40 km /h / 8.60 km /hEngine model / normS.40 km/h / 4.60 km /hMax. capacityG300 HigMax. torque90 Hig @ 2200 rpmBattery voltage / capacity90 Hig @ 2200 rpmTaynshisbon500 Nm			011 7 May 2024 at 10:28:12 AM 010
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Density integration over blocks (unbrakes)Was5.70 mStandar tizes front / rearVIS & 5.70 mVIS & 5.70 mStandar tizes front / rearVIS & 5.80 PK / 16x 255 20 PKVIS 25 BC PK / 16x 255 20 PKReach at traveling front / rearVIS & 100 PK / 16x 255 20 PKVIS 25 BC PK / 16x 255 20 PKRear able center to slew centerCIVIS & 100 PKDeparture angleCIVIS & 100 PKRear able center to slew centerCIVIS & 200 mmRear able center to slew centerCIVIS & 200 mmRear able center to slew centerCIStalo RM / 100 PKTravel speed forward ts / 2ndStalo RM / 100 PKVIS & 100 PKTravel speed forward ts / 2ndStalo RM / 100 PKVIS & 100 PKTravel speed forward ts / 2ndStalo RM / 100 PKVIS & 100 PKStale provide forward ts / 2ndStale RM / 100 PKVIS & 100 PKStale provide forward ts / 2ndStale RM / 100 PKStale RM / 100 PKStale provide forward ts / 2ndStale RM / 100 PKStale RM / 100 PKStale provide forward ts / 2ndStale RM / 100 PKStale RM / 100 PKStale provide forward ts / 2ndStale RM / 100 PKStale RM / 100 PKStale provide forward ts / 2ndStale RM / 100 PKStale RM / 100 PKStale provide forward ts / 2nd PKStale RM / 100 PKStale RM / 100 PKStale provide forward ts / 2nd PKStale RM / 100 PKStale RM / 100 PKStale provide forward ts / 2nd PKStale RM / 100 PKStale RM / 100 PKStale provide forward ts / 2nd PK </td <td>External turning radius over tyres (unbraked)</td> <td>Wa1</td> <td>4200 mm</td>	External turning radius over tyres (unbraked)	Wa1	4200 mm
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Optional tyre (from 1 rear)Q9 x 16 - 65 PR. / 1 x 25 - 20 PRReach at travelingC32098 mmRear alse centre to sion venterC32098 mmDeparture angleC320 * 0Angle of ApproachC320 * 0Ground clearanceC35.40 km /hPerformancesMe2000 mmTravel speed forward 3rd / thdS.40 km /h / 8.60 km /h8.60 km /hTravel speed forward 3rd / thdKriotskar10.00 km /hTravel speed forward 3rd / thdKriotskar10.00 km /hState speed forward 3rd / thdState speed forward 3rd /h10.00 km /hState speed forward 1 reverses90 blp @ 20.00 rpm10.00 km /hState speed forward 1 reverses90 blp @ 20.00 rpm10.00 km /hState speed forward 1 reverses90 blp @ 20.00 rpm10.00 km /hState speed forward 1 reverses90 blp @ 20.00 rpm10.00 km /hState speed forward 1 reverses10.00 km /h10.00 km /hState speed forward 1 reverses10.00 km /h10.00 km /hState speed forward 1 reverses10.00 km /h10.00 km /hState speed forward 1 rever	External turning radius over bucket (unbraked)	Wa5	5.70 m
Reach availingIOO<	Standard tires front / rear		12.5 x 18 - 12 PR / 16.9 x 28-12PR
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Departer anglea220°Angle of Approacha366°Gound clearcoa4280 mmPerformancea500 mmTrevel speed forward 3rd / 4th500 mm100 mmTrevel speed forward 3rd / 4th500 mm100 mmEngine brand500 mm <td>Reach at travelling</td> <td>c2</td> <td>2098 mm</td>	Reach at travelling	c2	2098 mm
Angle of Approacha366 °Ground (serance)m4280 nmGround (serance)m4280 nmTravel speed forward ist / 2ndS. 60 km/h18.00 km/hTravel speed forward ist / 2ndin 990 km/h19.00 km/hEngineIKirloskarEngine brandIKirloskarEngine brandI48.10 km/hKas, capacityI45.10 km/hKas, capacityI45.11 kmGrous Power / PowerI20.01 rpmMax, torqueI30.00 kmBattery voltage / capacityI21.02 rpmTransmission brandICarraroNumber of gans (forward reverse)I14.4 kmTorque converter stall ratioI14.4 kmMoraule for pressureI14.4 kmHydraulie for pressureI14.4 kmHydraule colling in kvolumeI14.4 kmTransmission oilI14.4 kmTransmi	Rear axle center to slew center	c3	1293 mm
Ground clearancem4280 mmPerformanceIIPerformanceIITravel speed forward 1st / 2ndKak bar/h / 8.08 km/h / 8.08 km/hITravel speed forward 3rd / 4thIIIEngineIIIIEngine model / normIIIIBig barandIIIIIMax. capathyIIIIIIGorss Power / PowerIIIIIIIMax. torqueIIIIIIIIMax. torqueIIIIIIIIMax. torqueIIIIIIIIMax. torqueIIIIIIIIIMax. torqueIIIIIIIIIIIMax. torqueII </td <td>Departure angle</td> <td>a2</td> <td>20 °</td>	Departure angle	a2	20 °
PerformancesImage and the grad t	Angle of Approach	a3	66 °
Travel speed forward ist / 2nd 5.40 km/h / 8.60 km/h Travel speed forward ist / 2nd 7.90 km/h / 4.60 km/h Engine 7.90 km/h / 4.60 km/h Engine brand 6 Engine model / norm Kirloskar Max. capacity 6 Gross Power / Power 90 kp 02200 pm Max. toque 90 kp 02200 pm Battery voltage / capacity 90 kp 02200 pm Transmission brand 92 km/h / 8.60 km/h Number of grass (forward / reverse) 90 kp 02200 pm Transmission brand 6 Service brake 92 km/h Hydraulic flow 4/ 4 Torque converter stall ratio 6 Service brake 22 km/h Hydraulic flow 4/ 4 Hydraulic flow 4/ 4 Transmission of Engine of Convard / reverse) Wet disc brakes Hydraulic flow 4/ 4 Hydraulic flow 25 kar Hydraulic flow 16 1 Hydraulic flow 16 1 Uiqui cosing tank volume 90 1 Engine of 1 90 1 Uiqui cosing tank volume 17 50 1 Engine of 1 90 1 Uiqui cosing tank volume 90 1 Uiqui cosing tank volume 17 50 1	Ground clearance	m4	280 mm
Travel speed forward 3rd / 4th19:90 km/h / 40 km/hEngine brandKirlos StarEngine model / norm48:000TA1 Turbo Charged Water Cooled BSIII - BS-IIIMax. capacity4151Gross Power / Power90 hg © 2200 rpmMax. torque90 hg © 2200 rpmMax. torque12 V / 55 AhBattery voltage / capacity12 V / 55 AhTransmission brand6Number of gears (forward / reverse)4/ 4Torque converter stall ratio2, 264:1Strice brank2, 264:1Hydraulic flow4Main relief pressure225 barTansmission il6Torque converter stall ratio90 lHydraulic flow14 U/minMain relief pressure16 1Transmission il16 1Fuel tank16 1Stried stark17.50 lEngine oil (find stark volume17.50 lEngine oil (find stark volume17.50 lUidt backhobe buckt9.01Liqued colistant capacity11.11 nMater and capacity11.11 nMater and capacity11.11 nPower stering11.11 nPower stering12.22 nmFront steraked of oscillation 4WD2 2Front steraked of oscillation 4WD2 2Front steraked of oscillation 4WD2 2Front sterake of oscillation 4WD2 2Front	Performances		
Engine Image: Control of the strict of the str	Travel speed forward 1st / 2nd		5.40 km/h / 8.60 km/h
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Engine brandKitkioskarEngine model / normKitkioskarBattery of All Turbo Charged Water Cooled BSIII) - BS-IIIMax. capacity415Gross Power / Power90 Hg @ 200 rpmAx. torque1Battery voltage / capacity300 NmTransmission brand1Transmission brand1Service brake414Service brake414Service brake414Service brake414Hydraulic flow worther stall ratio2Hydraulic flow worther stall ratio3Hydraulic flow wo	Engine		
Ingine roder / norm / bown / b	Engine brand		Kirloskar
Gross Power / Power90 Hp @ 2200 rpmMax. torque350 MmBattery voltage / capacity12 V / 65 AhTransmission brand12 V / 65 AhTransmission brand4Orage converd / reverse)4 / 4Service brakeWet disc brakesHydraulic flow12 V / 65 AhMax. torque convert stall ratio4Service brakeWet disc brakesHydraulic flow12 V / 65 AhMain relief pressureWet disc brakesTank capacities12 V / 65 AhHydraulic flow12 V / 65 AhMain relief pressure12 V / 65 AhTank capacities12 V / 65 AhHydraulic flow12 V / 65 AhLiquid coling tank volume12 V / 65 AhFuettank16 IFuettank16 IStreight for the service16 ITransmission oil17.50 ITransmission oil17.50 IIngene oil10 VOil rear ade17.50 IButter17.50 I <td>Engine model / norm</td> <td></td> <td></td>	Engine model / norm		
Max. torque 350 Nm Battery voltage / capacity 12 V / 65 Ah Transmission brand 2 Number of gears (forward / reverse) 4 / 4 Torque converter stall ratio 2.64.1 Service brack Wet disc brackes Hydraulic flow 30.0 Mm Hydraulic flow 14.2 l/min Main relief pressure 22.5 bar Tansmission oil 14.2 l/min Hydraulic oil 90.1 Liquid cooling tank volume 16.1 Fuel tank 17.50 l Engine oil 17.50 l Oll rear ade 17.50 l Bucket 17.50 l Width backhoe bucket 722 mm Loader standard capacity 1m ³ Power steering Yes Fromt steer axle of oscillation 2WD 2° Front steer axle of oscillation 2WD 2°	Max. capacity		4.15 l
Max. torque 350 Nm Battery voltage / capacity 12 V / 65 Ah Transmission brand Carraro Number of gears (forward / reverse) 4 / 4 Torque converter stall ratio 20 Service brack Wet disc brackes Hydraulic flow Wet disc brackes Hydraulic flow 142 l/min Main relief pressure 22 bar Tansmission oil 142 l/min Liqui cooling tank volume 142 l/min Indegradie 143 l Service brack 143 l Unide cooling tank volume 143 l Transmission oil 143 l Transmission oil 17.50 l Engle oil 17.50 l Ol rever stall capacity 17.50 l Bucket 17.50 l Width backhoe bucket 17.50 l Loader standard capacity 1m ³ Power steering 130 Nic From steer axke of oscillation 2WD 2 ^o From steer axke of oscillation 2WD 2 ^o From steer axke of oscillation 4WD 2 ^o	Gross Power / Power		90 Hp @ 2200 rpm
Battery voltage / capacity12 V / 65 AhTransmission brandCTransmission brandCArraroNumber of gears (forward / reverse)4 / 4Torque converter stall ratio2Service bakeWtt disc brakesHydraulicWtt disc brakesHydraulic flow1Main relief pressure225 barTank capacities225 barHydraulic oil1Liquid coling tank volume1Fuel tank1Fuel tank1Sorie oil for woll1State and and capacity1Uit data capacity1Fuel tank1State and and capacity1State and and capacity1State and and capacity1State and and capacity1State and and capacity1Power steering1Power steering1Front steer axle of oscillation 2WD2Fort steer axle of oscillation 4WD2Steet axle of oscillation 4WD3Steet axle of oscillation 4WD3Steet axle of oscillation 4WD3Steet axle of oscillation 4WD3Steet	Max. torque		
TransmissionImage: set of the			12 V / 65 Ah
Number of gears (forward / reverse) 4 / 4 Torque converter stall ratio 2.64:1 Service brake Wet disc brakes Hydraulic fow 142 //min Main relief pressure 225 bar Tank capacities 225 bar Hydrauli cil 90 l Liquid cooling tank volume 16 l Fuel tank 145 l Transmission oil 17.50 l Bucket 71.50 l Bucket 722 mm Widt backhoe bucket 722 mm Loader standard capacitizion 1m ³ Power steering Yes Front steer axle of oscillation ZWD 2° Front steer axle of oscillation ZWD 2°	Transmission		
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Miscellaneous Yes Power steering Yes Front steer axle of oscillation 2° Front steer axle of oscillation 2WD 20° Front steer axle of oscillation 4WD 16°			
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Front steer axle of oscillation2 °Front steer axle of oscillation 2WD20 °Front steer axle of oscillation 4WD16 °			Voc
Front steer axle of oscillation 2WD20 °Front steer axle of oscillation 4WD16 °	•		
Front steer axle of oscillation 4WD 16 °			
Steering wheels (from / rear) 2 / 2			
	Sicering wheels (ITUIL / Tear)		212

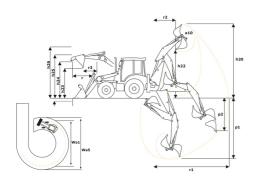
Performance backhoe

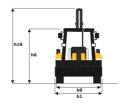
	Standard dipper	extending_dipper
	Standard dipper	Extended
p1 - Max dig depth (mm)	4741	5815
r1 - Max reach ground level to slew center (mm)	5730	7019
r2 - Max loading reach (mm)	1996	4849
Max operating height (mm)	5626	6637
h22 - Max loading height SAE (mm)	-	4531
Max loading height (mm)	3871	4849
p2 - Max straight wall dig depth (mm)	2602	3991
a10 - Max bucket rotation (°)	194	194
Total side shift (mm)	1198	1198
Dipper tearout (kgF)	4336	2644
Bucket tearout (kgF)	5810	5219
Hydraulic lift capacity (kg)	1460	812

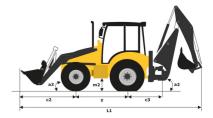
Performance loader

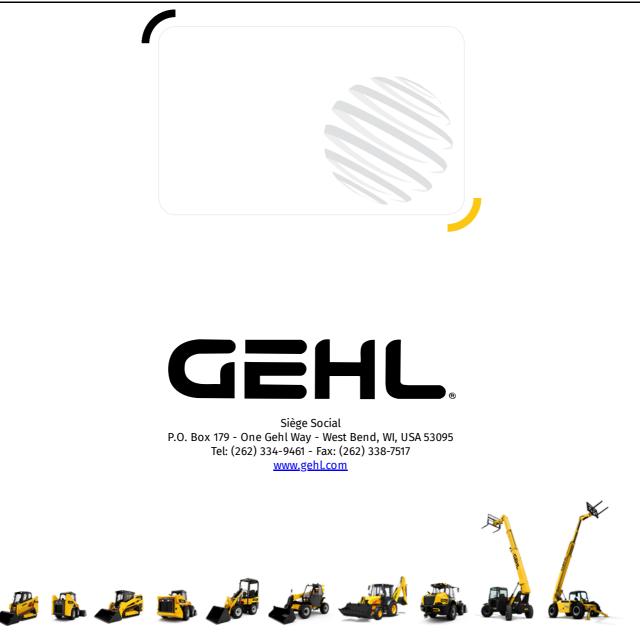
	Standard shovel
Max dump angle (°)	51
h26 - Max operating height (loader version) (mm)	4230
h23 - Max dump height at 45° (mm)	2780
h24 - Max loadover height (mm)	3310
h25 - Max hinge pin height (mm)	3570
r - Max reach at full height (mm)	1153
r3 - Max reach at full height 45° (mm)	710
p3 - Below ground dig depth (mm)	156
a13 - Rollback at ground (°)	45
Shovel breakout (kgf)	5229
Arms breakout (kgF)	5312
Lifting capacity at full height (kg)	3819

GBL-X 900 - Dimensional drawing









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