



## OSAKA Combine Harvester

### Specification

Model		<b>OS-4LZ-100Y</b>	
Dimension (Length*Width*Height) mm		4900*2500*2550	
Weight (kg)		3100	
Cutter bar length (mm)		2200 /7.25 Feet	
Feeding capacity (t/h)		15.6	
Engine	Type	Water cool, four stroke, diesel engine	
	Model	4G33TC	
	Output/rpm (kw/rpm)	75/2600/100hp	
	Fuel tank capacity (L)	80	
Traveling system	Crawler specification (width*pitch*No.of tooth)		500mm*90mm*51
	Ground pressure (kpa)		21
	Ground clearance		310mm
	Transmission		HST 42L
Working parts	Threshing cylinder	Type	Vertical flow, spike tooth (two threshers)
		Diameter& length (rear)	650mm*1960mm
	Cleaning		Vibrating sieve + fan+ double threshing style
Steering method		Hydraulic assistant steering	
Fuel consumption (kg/(hm <sup>2</sup> ))		18~25	
Working speed (km/h)		0-5.05	
Working efficiency (hm <sup>2</sup> /h)		0.5~0.74	
Wet field passing		20cm	
Grain unloading method		Automatic discharging	
Total loss (%)		Rice≤3.0,Wheat≤1.2	
Breakage rate (%)		Rice≤1.5,Wheat≤1	
Impurity rate (%)		Rice≤2.0,Wheat≤2.0	
Gearbox		LD-80	
Grain box		1.3CBM/1300 Ltr	

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**OSAKA COMBINE HARVESTER**

**Specification**

Model:	OS-4LZ-100W
Type:	Full-feed, Track Combine
Brand Name	Osaka
Overall Dimension	Length×Width×Heights ( mm ) : 5180x2585x2720.
Weight (kg)	3750
Feeding Capacity( kg/s )	5
Harvesting Capacity(hm <sup>2</sup> /h):	0.5-1
Engine	Engine Model: 4D35ZT32/1004
	Rated Power ( kw/hp ) : 73/100
	Engine Type: Water-Cooled, 4-Cylinder, DI-Injection, Vertical Diesel. Turbocharged Engine.
	Rated Rotation Speed (r/min) : 2400
Driving System	Crawlers(mm): 550*90*54
	Minimum Ground Clearance (mm): 370mm
	Type of Gearbox: Hydraulic type + HST(3F, 3R) 42CC
	Theoretical Operating Speed ( km/h ) : 2-7
	Type of Brake: By Foot.
	Steering: Clutch and Brake.
Cutting header	Pickup Reel: Type:Tooth ( off-centre ); Diameter( mm ) : 944; Nos: 5
	Height Adjustment: Hydraulics.
	Cutting Bar Length ( mm ) : 2200
	Type of Cutting Bar Auger: Screw Conveying.
	Type of Blade: V Type / Left and Right.
	Rape Seed Extension: Optional
Threshing & Separating	Threshing System: Spiked Tooth Axial Flow
& Cleaning System	Threshing Cylinder Size Diameter × Length ( mm ) : 626X2000
	Reshresher: Blade Rotation.
	Vibrating Sieve: Adjustable Sieve/ Meshing Sieve/Hole sieve(Optional)
	Fan: Type: Swirl; Diameter( mm ) : 405; Nos: 4
Grain Storing	Option 1: Grain Tank with unloading Auger ,Capacity(L):1500
	Option 2: Manual Operation.



Model No (OS-4LZ-5.0Z++)

Item	Unit	Specification
Structure Type		Full Feed Track Self-Propelled type
Engine	HP	100
Dimension (L*W*H)	MM	580x2600x2705
Machine Weight	Kg.	3700
Cutting Width	MM	2200
Feeding Capacity	T/H	18
Min.Ground Clearance	MM	350
Working Productivity	Hm/h	0.33-0.67
Fuel Consumption	Ltr/h	10-12
Header auger Type	/	Spiral Ttype
Reel	/	Eccentric Teeth
Central Roller	/	
Changes in Chesis	/	
Track Specification	/	500x90x53
HST	CC	45
Disel Tank	Ltr	210
Gear Box	kg.	100
Chopper Type	/	Knife Rotating Type(option)
Grain Unloading Type	/	Standard Unloading/high Position Unloading
Cab	/	Luxury Cab with Air Conditioner(Option)
Grain Tank Capacity	kg.	1000
Guage	mm	1150


**COMBINE HARVESTER**
**OSAKA Combine Harvester (OS-4LZ-100Q)**

Project		Specification	
Product number		(OS-4LZ-100Q)	
Classification		Cab with air conditioning	
Dimensions	Length (mm) (transport status / working status)	5570/5730	
	Width (mm) (transport status / working status)	2650/2730	
	Height (mm) (transport status / working status)	2880/2880	
	Structure quality (kg) / quality of use (kg)	3805/4040	
Matching engine	Model	V3800-DI-T-ET02	
	Structure type	Vertical water cooled 4 - cylinder turbocharged diesel engine	
	Total Displacement (L)	3.769	
	Calibration power (kW)	72.9/100 HP	
	Calibration speed (r / min)	2600	
	Fuel	High quality diesel (0 #)	
Walking part	Crawler	Fuel tank capacity (L)	140
		Grounding length(mm)	1890
		Width(mm)	500
		Ground pressure(kPa)	19.7
		Gearbox type	Mechanical speed change + hydraulic stepless speed change (HST)
		Variable speed series	Forward stepless·Back stealthVice shift of the three gears
Cutting table		Minimum ground clearance (mm)	290
		Cutting table width (mm)	2300
		Minimum cutting height (mm)	40 (cutter tip)
		Adapt to crops	Rice, wheat
Threshing part		Feed (kg / s)	4
	Threshing drum	Threshing method	Sprue axial flow
		Size(mm)(outer diameter×length)	Φ620 × 2210
	Screening method	Vibrating screen, wind selection (3 air separation)	
Grain processing department		Way of food	Automatic unloading (auger conveyor)
		Granary capacity (L)	1400
	Unloading grain	Unloading mouth rotation range (degrees), rotation mode	255 (left rotation), electric motor
		Unloading grain mouth lift range (degrees), lifting mode	0 (horizontal) ~ 47.6, hydraulic type
		Unloading grain unloading height range (mm) (working state)	2290 ~ 4955
Unloading mouth out of the distance range (mm) (working state)		2560 ~ 3580	
	Alarm system	Water temperature, charge, oil, gluten full, 2 snuff plug, reverse fan	
	Operating hours productivity (hm <sup>2</sup> / h)	※ wheat: 0.4 ~ 0.64 rice: 0.3 ~ 0.5	



**OS-4LBZ-150BT**

<b>Model</b>		OS-4LBZ-150BT	
<b>Dimension (Length*Width*Height) mm</b>		4310*1970*2340	
<b>Weight (kg)</b>		3220	
<b>Working efficiency (hectare/h)</b>		0.27~0.47	
<b>Cutting rows</b>		4 rows	
<b>Cutting width</b>		1450 mm	
<b>Engine</b>	<b>Type</b>	Water cool, diesel engine	
	<b>Model</b>	CF4B68G-Z	
	<b>Power (Hp)/RPM</b>	70Hp/2400rpm	
	<b>Fuel tank capacity (L)</b>	70	
<b>Traveling system</b>	<b>Crawler specification (width*pitch*No.of tooth)</b>	450mm*90mm*48	
	<b>Minium ground clearance (mm)</b>	190	
	<b>Transmission</b>	HST	
<b>Working parts</b>	<b>Threshing cylinder</b>	<b>Type</b>	Axial flow, spike tooth
		<b>Diameter&amp;length(main)</b>	424mm*900mm
<b>Suitable crops hight (mm)</b>		650-1300	
<b>Grain unloading method</b>		Automatic 360°	
<b>Total loss (%)</b>		Rice≤3.0,Wheat≤1.2	
<b>Breakage rate (%)</b>		Rice≤1.5,Wheat≤1	
<b>Impurity rate (%)</b>		Rice≤2.0,Wheat≤2.0	

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**SPECIFICATION**

Model	OS-4LZ-3.0Z
Type	Full-Feed, Track Combine
Application	Grain, Wheat, Corn, Rape Seed, Soybean
Overall Dimension(LxBxH) in mm	4300×1980×2675
Weight (kg)	2410
Feeding Capacity( kg/s )	3
Harvesting Capacity(hm <sup>2</sup> /h)	0.05-0.48
Engine	Engine Model:-4B2-60U32
	Rated Power ( kw/hp ) 44.2KW/60HP(Alternative)
	Engine Type Water-Cooled, 4-Cylinder, DI-Injection, Vertical Diesel. Rated Rotation Speed (r/min) 2400
Driving System	Rubber Track(mm) 400 x 90 x 46
	Minimum Ground Clearance (mm) 280
	Type of Gearbox Hydraulic type + HST(3F, 3R)
	Theoretical Operating Speed ( km/h ) 0.25-5.2
	Type of Brake By Foot.
Cutting header	Steering Clutch and Brake.
	Pickup Reel Type Eccentric Tooth ( off-centre ); Diameter( mm ) 823; Nos 5 Height Adjustment Hydraulics.
	Cutting Bar Length ( mm ) 1650
	Type of Header Auger Telescopic Screw Conveying.
	Type of Blade V Type / Left and Right.
Threshing & Separating	Rape Seed Extension Optional
	Threshing System Spiked Tooth Axial Flow
Cleaning System	Threshing Cylinder Size Diameter × Length ( mm ) φ540x1521 Concave sieve Grid x 4.
	Vibrating Sieve Adjustable Sieve / Meshing Sieve / Hole sieve (Optional) Fan Type Swirl; Diameter( mm ) 350; Nos 1
Grain Storing	Option 1 Grain Tank with Unloading Auger , Caoacity(L) 950
	Option 2 Grain Tank with 360° Unloading Auger , Caoacity(L) 950
	Option 2 Manual Operation

## OSAKA COMBINE HARVESTER FULL FEED



### Technical Specification

<b>Brand Name</b>		
<b>Model</b>	<b>OS-4LZ-70 (SUPER 70)</b>	
<b>Type</b>	Self-Propelled Full Feeding	
<b>Fit harvesting crop</b>	Rice, Wheat, Rapeseed	
<b>Working Efficiency</b>	0.2~0.5 hm <sup>2</sup> /h	
<b>Overall Dimensions (L x W x H)</b>	4750×2350×2360 mm	
<b>Weight</b>	2920 kg	
<b>Engine</b>	Turbo-charged Diesel Engine	
<b>Model</b>	A498BZT88/24 Or 4D35ZT	
<b>Type</b>	In-line, water cool, 4-stroke, Direct injection	
<b>Rated Power</b>	70HP/1/2400rpm	
<b>Fuel tank</b>	80L	
<b>Cutter Bar</b>	2000 mm	
<b>Grain Tank</b>	800 Kas.	
<b>Fuel consumption per hectare</b>	≤30 Kg/Ha.	
<b>Chassis</b>		
<b>Rubber Track</b>	/450/*90*51mm	
<b>Transmission</b>	HST F:3 / R:3	
<b>Ground Pressure</b>	≤18 Kpa	
<b>Min. Ground Clearance</b>	360 mm	
<b>Header</b>		
<b>Cutting Width</b>	2000 mm / m	
<b>Feeding capacity</b>	3Kg/S	
<b>Type of Lifting</b>	Hydraulic	
<b>Lifting of Reel</b>	Hydraulic	
<b>Steering</b>	Hydraulic	
<b>Conveyor</b>	Chain rack tooth type	
<b>Threshing Cylinder</b>	Tangential Flow + Axial Flow, Dual Spike-tooth type	
<b>Cleaning</b>	Fan (front blowing + rear suction)+Sieving+re-thresher	
<b>Discharging</b>	1.0CBM	Auto type with discharger auger
<b>Total Loss</b>		
<b>Rice</b>	≤1.5%	
<b>Wheat</b>	1.20%	
<b>Breakage</b>	≤1.5%	
<b>Impurity</b>	≤1.0%	

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## OSAKA MINI COMBINE HARVESTER (FULL FEED) MODEL NO. OS-4LZ.1.0A

ITEM	UNIT	OS-4LZ.1.0A
Rated Feed Capacity	kg/s	1.0
Rated Cutting Width	mm	1360
Engine Output And Rotating Speed	kW/RMP	16.18/2200
Dimension (LxWxH)	mm	3980x1980x1900
Net Weight	kg	1200
Ground Clearance	mm	200
Ground Pressure	kpa	19.5
Production Efficiency	hm <sup>2</sup> /h	0.06-0.20
LOSSES	RICE	3%
	WHEAT	1.2%
CRUSHING RATE		1.0%
Track (Link Distance Link Quantity Caterpillar Width)		90mm x 38 Links x 280 mm
Fuel Consumption	kg/hm <sup>2</sup>	22
Type of Gear Box		Mechanical Gearbox (3+1)
Grain Collecting Way		Manual Collection

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## OSAKA MINI COMBINE HARVESTER (FULL FEED)

SPECIFICATION				
OS-4LZ-2.2ZT				
		Feeding volume	2.2kg/s	
Size		Length (mm)	3850	
		Width (mm)	2070	
		Height (mm)	2260	
Weight		(kg)	1850	
Diesel Engine		Type	Single cylinder, 4 stroke direct, injection diesel engine	
		Power/RPM	25.74kW/2500	
		Fuel	0# diesel	
		Fuel tank capacity	13L (standard)	optional 50L
		Start method	Start motor	
		Battery (V/Ah)	12/120	
Travelling	Rubber track	Min. ground clearance (mm)	235	
		Specification	320*90*43	optional 350*90*43
		Grounding length (mm)	1400	
		Center distance	820	
		Variable speed way	Hand	
		Variable speed class	(3+1) (*2)	
	Speed	Low 1 gear (km/h)	0.32m/s-(1.18km/h)	Lodging 1
		Low 2 gear (km/h)	0.47m/s-(1.69km/h)	Working gear 1
		Low 3 gear (km/h)	0.73m/s-(2.65km/h)	Working gear 2
		High 1 gear (km/h)	1.09m/s-(3.92km/h)	Working gear 3
High 2 gear (km/h)		1.56m/s-(5.60km/h)	walk gear 1	
High 3 gear (km/h)		2.35m/s-(8.45km/h)	walk gear 2	
	R1 gear (km/h)	0.25m/s-(0.89km/h)		
	R2 gear (km/h)	0.82-m/s-(2.94km/h)		
Harvesting	Reel	Reel method	Plate-type (5) reel	
		Rotate diameter * width (mm)	820*1320	
		Variable speed way	Mechanical variable speed	
		Up-down regulation	Hydraulic	
		Cutting width (mm)	1550	
Threshing		Separation mechanism type	Longitudinal axial flow nail gear drum	4 plate
		Drum length*diameter	1450*450 (452)	Diameter can adjust
		Grain put into granary way	Screw auger transport	
		Clear type	Vibrating screen + air separation + secondary threshing	
		Grain tank	0.72(m <sup>3</sup> )(about 9 bag)	
		Unloading grain tube	Hydraulic	
		Unloading time	≤4min	
Alarms and other components		Voltage indicator		
		Working clutch limited start		
		Full grain tank alarm	Sound and light alarm	
Rate of loss			≤3.0%	
Rate of impurity			≤2.0%	
Working efficiency			0.067-0.398ha/h	
Fuel consumption			9-22.5Kg/ha	

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# OSAKA MINI COMBINE HARVESTER



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## Main Technical Specification

No.	Item	OS-4LZ-1.5	OS-4LZ-1.5E
1	Rated feed capacity (kg/s)	1.5	1.5
2	Rated cutting width (mm)	1360	1420
3	Engine output and Rotating speed (HP/rpm)	22HP/27HP/2200r/min	22HP/27HP/2200r/min
4	Dimension(L×W×H)(mm)	3980×1980×1900	3980×1880×1950
5	Net weight (kgs)	1380	1500
6	Ground clearance (mm)	200	240
7	Ground pressure (kpa)	22	19.5
8	Production efficiency(hm <sup>2</sup> /h)	0.06 ~ 0.20	0.06 ~ 0.20
9	Track(Link distance × link quantity × caterpillar width)	90mm × 38links × 280mm	90mm × 40links × 320mm
10	Fuel consumption (kg/ hm <sup>2</sup> )	≤22	≤25
11	Type of gear box	Mechanical gearbox (3+1) × 2	Mechanical gearbox (3+1) × 2
12	Grain collecting way	Manual collection	Manual collection
13	<p>Features:</p> <p>OSAKA brand whole-feed combine harvesters are developed for harvesting rice and wheat. They feature many kinds of advantages.</p>	<ol style="list-style-type: none"> <li>1. The engine is more powerful;</li> <li>2. Even lodging crop can be harvested with its more reliably bigger reel and chain transmission;</li> <li>3. Even tall crop can be harvested with its more reliable cutter and bigger cylinder.</li> </ol>	<ol style="list-style-type: none"> <li>1. The ground pressure is less for its wider rubber tracks;</li> <li>2. It can pass to another field easier with higher ground clearance;</li> <li>3. The labour force can be saved with larger grain tank at capacity 200kgs;</li> <li>4. It is more suitable for harvesting with bigger four-bar reel;</li> <li>5. The grain can be more cleaner with adjustably double sieving system;</li> <li>6. The maintenance can be done conveniently by easily opening protective cover;</li> <li>7. The hydraulic reel is equipped on the combine harvester.</li> </ol>
14	Available option	Large grain tank at capacity 200kgs	

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**OSAKA Mini Combine Harvester (Full Feed) OS4L-1.2****Model- OS4L-1.2****Product Details**

Minimum Order Quantity	1 Set
Brand	OSAKA
Capacity	4000 SQUARE METER PER HOUR
Model	OS4L-1.2

**Technical Specifications:**

Model	OS4L-1.2	Cutting Table Width (mm)	1200
Material	Rail Steel	Weight	825 KG
Power Source	Diesel -16 HP Engine	Size	3300 X 1470 X 1580 mm
Shove Application	Farming Shovel	Feed Quantity	1.2 KG/s
Hoe Shape	Fork Shape	Ground Clearance	250 KG/s
Sickle Type	Wide Sickle	Type	Crawler Type



## OSAKA MINI COMBINE HARVESTER (HALF FEED) – OS-4LBZ-120

Item	Unit	Specification
Weight	KG	1480
Working Efficiency	hm <sup>2</sup> /h	0.15 - 0.2
Dimension (L×W×H)	mm	3650×1800×1820
<b>Engine</b>	Mode	/
	Rated Power	HP
	Engine Type	/
	Rated Rotating Speed	r/min
	Average Fuel Consumption	L
<b>Driving System</b>	Rubber Track	mm
	Average Ground Pressure	kPa
	Ground Clearance	mm
	Driving Speed	km/h
Cutting Bar Length		mm
<b>Threshing Separating Clearing System</b>	Threshing Type	/
	Threshing Cylinder Rotating Speed	r/min
	Concave Sieve	/
	Cleaning Type	/
<b>Rice Unloading Type</b>		/

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