

Precision that
promises more.





PADDY PANTHER 14.

Increase your profitability.

CLAAS. At home in fields all over the world.

The German company CLAAS is a world-leading agricultural machinery manufacturer with a workforce of over 9,000 people and a total annual turnover of around three billion euros. Numerous subsidiaries, including fourteen production sites located around the globe, ensure close contacts with our customers. CLAAS is the European market leader in combine harvesters and the world leader in forage harvesters. The company's product range also includes tractors, balers, forage harvesting machinery, telescopic loaders, and innovative agricultural information technology. In addition, the CLAAS Group is an engineering technology provider to the aviation and automotive industries as well as other sectors. Known around the world for its tried and tested products, such as the MARKANT baler and the DOMINATOR combine harvester, CLAAS offers professional harvesting technology which adapts to any local conditions.



Transmission

A unique combination of gear box and hydraulic pump specially designed for Rice transplanting field conditions. Forward gear for a transplanting maximum operational speed of 0.7 m/s makes it 20 times more efficient than manual transplanting through laborers and results in more area coverage and cost savings.

Engine

4 cycle air cooled electronic engine generates 3 HP making it powerful enough for comfortable working even under tough transplanting conditions. Outstanding fuel efficiency reduces the operational costs. Engine can be started with a very light pull of the recoil starting system. The large 4 liter fuel tank reduces the number of refueling breaks and increases the overall operational efficiency.

Headlight

Providing owners the ability to operate during day or night to increase productivity.



Automatic Depth Control System

Central float is connected to the highly sensitive automatic depth control system. This advance mechanism allows the machine to work in unlevel field conditions and maintains maximum precision with no floating rice seedlings or missing plants. This mechanism also protects the machine and transplanting mechanism from damage due to excessive pressure made by stones, obstacles, etc.

CPS | CLAAS
POWER
SYSTEMS



Plant Density Control

- Rotary knob for adjust of quantity of plants/hill
- Suitable for different varieties of rice



Hill to hill spacing

- Single lever for hill to hill spacing adjustment
- 10 adjustments from 11 - 20 cm
- Externally located for operator's convenience



Extra Seedling Carrier

Saves the time for carrying seedlings into the field when supply is gone during transplanting.
Allows for continuous transplanting and increased operational efficiency.

Seeding platform

Large seedling platform suitable for all varieties of rice seedlings with height from 6 - 9 inches. Movement of this seedling platform is controlled by the hydraulic distributor which is more reliable than the mechanical type and reduces the maintenance costs.

Transplanting

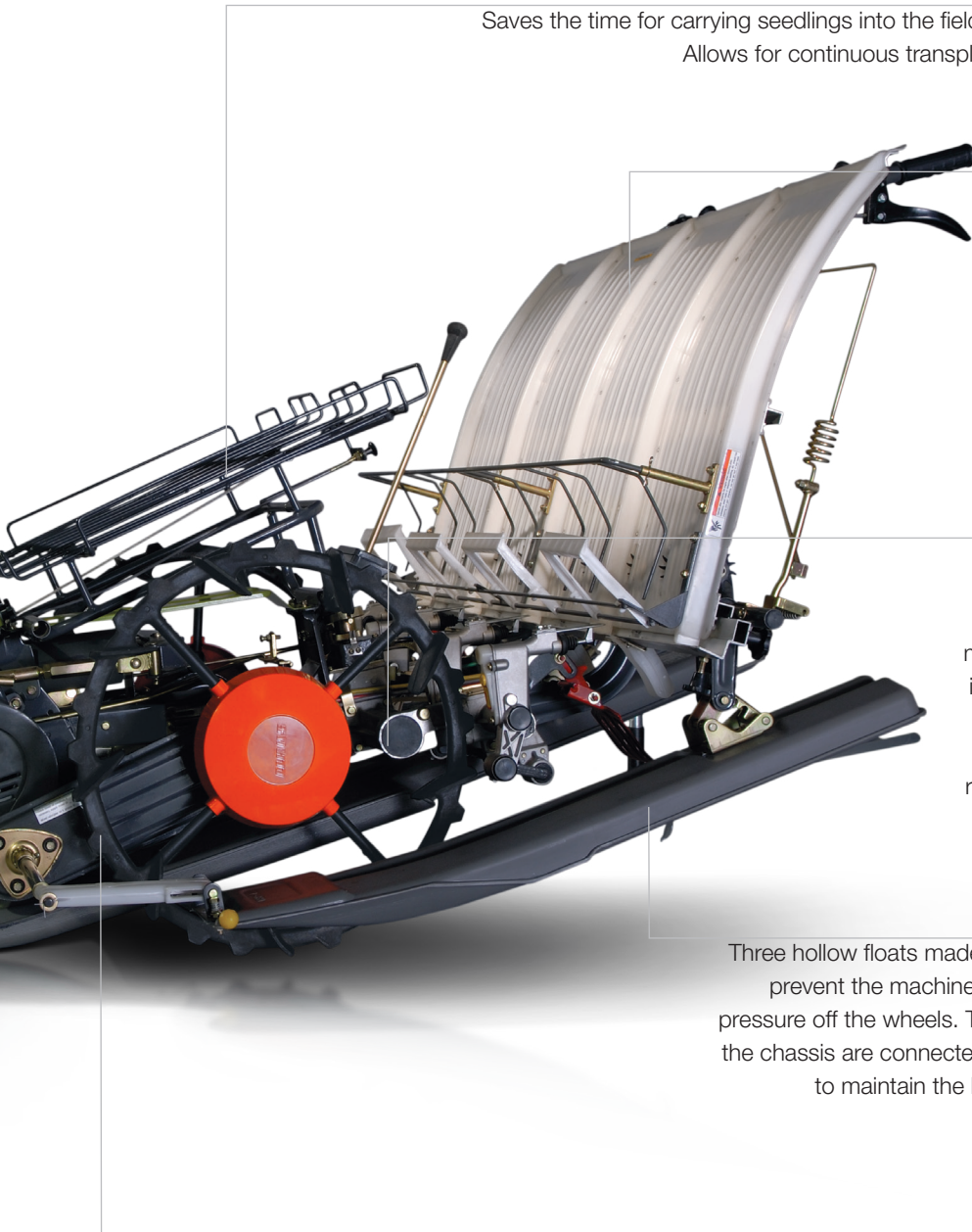
Transplanting needles fixed to the planting arms picks the seedlings from the platform and with the help of the precise cranking mechanism, safely transplants the seedlings into the field soil without any damage to the delicate roots. Transplanting needles are easy to maintain so the operator can replace them on their own without any help.

Floating device

Three hollow floats made of very high density poly ethylene material prevent the machine from sinking into the puddle field by taking pressure off the wheels. Two floats on the both left and right sides of the chassis are connected to the independent flexible swing devices to maintain the level with respect to the surface of the field.

Non Puncture Wheels

Solid rubber wheels with lug ensure a secure grip in slushy field conditions. The large diameter wheels provide stable operation even in deep puddled fields. Four spokes in the wheel increase the reliability and durability.



Center and side markers

- Maintain equal and consistent row spacing
- Transplant the nursery in straight lines even after turning



Integrated wash pump

- Remove mud and dirt after transplanting is finished
- Increase machine life and save maintenance costs



FIRST CLAAS SERVICE®

Dedicated after-sales service network ensures spare parts supply along with reliable customer service.

PADDY PANTHER 14**Dimensions**

Overall Length	mm	2350
Overall Width	mm	1480
Overall Height	mm	800
Weight	kg	177

Engine

Model		G351L
Type		Air Cooled 4 cycle
Bore x Stroke	mm	60 x 50
Total Displacement	cc	141
Output	(ps/rpm)	2.5/1800 - 3.0/2000
Starting System		Recoil Starting Type
Fuel Type		Unleaded Petrol
Fuel Tank Capacity	ltr	3
Weight	kg	14

Transmission

Type		2 Wheel 3 Floats Type with Side Clutch
No. of Gears		Forward: 2 (travelling & transplanting), Reverse: 1
Travelling Speed (m/sec)		0.5 - 1.4

Work Efficiency

Planting Speed(m/sec)		0.3 - 0.7
Planting Efficiency		1.4 ha/8 hours

Transplanting Mechanism

No. of Planting Rows (Row)		4
Planting Type		Compelled Planting Type
Nursery		Seedling Matt/Tray Type
Distance between rows	cm	30
Plants/Hill	Pcs	3 - 8
Hill to Hill Spacing	cm	11 - 20 (10 Stage)
Planting Density (Share/3.3 Sq. mt)		75 - 100
Transplanting Depth	cm	2 - 8 (4 Stage)

Nursery Box No./10 ha

Small Seedling		120 (Boxes)
Medium Seedling		100 (Boxes)
Large Seedling		80 (Boxes)