

Hamilton Jet Model HJ274
Application Review

Versatile Sports/ Express Hull Design for Hamilton Jets



“Sports” model

A new boat hull designed specifically for Hamilton HJ274 waterjets has the versatility to be used as a “Sports” boat or an “Express” passenger ferry. Hamilton Jet’s authorised distributor in Colombia, Todomar CHL Marina, has built several of the hulls fitted out as both “Sports” and “Express” models for use in and around the many waterways of Cartagena and for export.

The modern deep V hull is designed to be seafaring but also to operate in the shallower waters of rivers and bayous, where the shallow draft capabilities of the waterjets come into their own. The hull also features a delta pad keeled stern for better handling and efficiency.

With the scarcity of roads in the lush tropical jungle, the coastal towns of the Colombian Pacific region rely on marine transportation. One passenger ‘Express’ typically operates a 78 mile schedule in and around the coast, including tourist trips to Gorgona Island, 28 miles out from Guapi.



“Express” model

▶ Brief Specifications

TYPE:

Todomar 45 AE

SERVICE:

‘Sports’ model – Recreation
‘Express’ model – Shuttle Transport

LENGTH: 13.70 metres
BEAM: 2.80 metres

CONSTRUCTION:
FRP

PAYLOAD:

‘Express’ – 45 passengers

SPEED:

• ‘Sports’ – 42 knots (36 kts laden)
• ‘Express’ – 37 knots (30kts laden)

WATERJETTS:

Twin Hamilton Jet Model HJ274

WATERJET CONTROLS:

Hamilton Jet Type HSRC

ENGINES:

• ‘Sports’ – Twin Yanmar diesels Model 6LY2 - STE, each 313kW (420hp) @ 3300rpm
• ‘Express’ – Twin Cummins diesels Model 6BTA, each 235kW (315hp) @ 2800rpm

DESIGNER/BUILDER:

Carlos H. Londoño, B.
Todomar CHL Marina SA,
Cartagena, Colombia

OPERATOR:

Pacifico Express, Guapi, Colombia

Hamilton Jet DISTRIBUTOR:

Todomar CHL Marina S.A.,
Cartagena, Colombia