



# HIRTH



Order   
Request

## Water-cooled in-line engines

### Enginetype:

- |         |  |  |                          |
|---------|--|--|--------------------------|
| 3502 E  |  | injection, 44 kW (60 HP) at 5200 rpm       | <input type="checkbox"/> |
| 3502 V  |  | 2-carburetors, 44 kW (60 HP) at 5200 rpm   | <input type="checkbox"/> |
| 3503 E  |  | injection, 51,5 kW (70 HP) at 6500 rpm     | <input type="checkbox"/> |
| 3503 V  |  | 2-carburetors, 51,5 kW (70 HP) at 6500 rpm | <input type="checkbox"/> |
| 3702 E  |  | injection, 62 kW (84 HP) at 4950 rpm       | <input type="checkbox"/> |
| 3702 V  |  | 3-carburetors, 62 kW (84 HP) at 4950 rpm   | <input type="checkbox"/> |
| 3701 ES |  | injection, 74 kW (100 HP) at 6400 rpm      | <input type="checkbox"/> |
| 3701 VS |  | 3-carburetors, 74 kW (100 HP) at 6400 rpm  | <input type="checkbox"/> |

Quantity: \_\_\_\_\_

Please use a separate form for each type of engine and specification (e.g. if you order two or more engines with different options on the next page). Take the price for the standard engine, the options and the accessories from our present price list.

### Client data:

Name: \_\_\_\_\_

Fon: \_\_\_\_\_

Company: \_\_\_\_\_

Fax: \_\_\_\_\_

Address: \_\_\_\_\_

Mail: \_\_\_\_\_

Country/City: \_\_\_\_\_



# Options

Ignition:	
single ignition	<input type="checkbox"/>
dual ignition	<input type="checkbox"/>

Position of injection system:	
horizontal	<input type="checkbox"/>
vertical	<input type="checkbox"/>

Starter arrangement: (only engines 3502 and 3503)	
without any Starter (no geared ring for electric starter)	<input type="checkbox"/>
with recoil starter (series)	<input type="checkbox"/>
Additional preparation for electric starter (different type of magnet wheel with geared ring)	<input type="checkbox"/>
with electric starter (inclusive starter relay)	<input type="checkbox"/>
with recoil and electric starter (inclusive starter relay)	<input type="checkbox"/>

Exhaust system:	
See information for exhaust system: Hirth-Informationen 0060/2N, 0060/4N und 0060/5N	
Layout 1 - straight	<input type="checkbox"/>
Layout 2 - 90°	<input type="checkbox"/>
Layout 3 - 180°	<input type="checkbox"/>
Engine 3701 and 3702: Layout B instead of A	<input type="checkbox"/>
Alternative: Layout according to Hirth-Information: _____	
Rear silencer	<input type="checkbox"/>
Exhaust manifold with connection for EGT	<input type="checkbox"/>
Engine 3503: an intake silencer from Rotax will be used with this engine	<input type="checkbox"/>

Extras:	
auto lubrication (only in combination with recoil starter)	<input type="checkbox"/>
Throttle valve of the injection system completely open in position of rest	<input type="checkbox"/>
Propeller flange for direct drive (instead of gear box, hole circle 75/100mm)	<input type="checkbox"/>

Gear box G40: <input type="checkbox"/>							
(reverses direction of rotation, only for engine 3701 and 3702)							
Reduction gear ratio	2,03:1	2,25:1	2,64:1	2,79:1	2,96:1	3,33:1	3,79:1
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Connection to engine	rubber damper <input type="checkbox"/> / <input type="checkbox"/> centrifugal clutch						
Arrangement	standing <input type="checkbox"/> / <input type="checkbox"/> inverted						

Gear box G50: <input type="checkbox"/>					
(reverses the direction of rotation)					
Reduction gear ratio	2,16:1	2,29:1	2,59:1	3,16:1*	3,65:1*
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
connection to the engine	rubber damper <input type="checkbox"/> / <input type="checkbox"/> centrifugal clutch				
Arrangement	standing <input type="checkbox"/> / <input type="checkbox"/> inverted				

\*) not for engine 3701 and 3702

# Accessories

Accessories:			Quantity:
Battery	Start performance 625 A for 5 seconds		_____
BlueMax 2-stroke oil	up to mixture ratio 1:100, notice technical description		←
	1 liter: _____	5 liter: _____	
Bowden cable splitter	2 in 1		_____
Tachometer	analog, Ø52mm diameter		_____
	digital, rectangular with operation hour meter		_____
Potentiometer for mixture enrichment	only for engines with injection system		_____
Fuel pressure monitor			_____
Fuel filter	only for carburettor engines, included in injection system		_____
Engine mounting	tear-off proof, 4xM12		_____
Engine screwing	length: 30mm _____; 50mm _____; 70mm _____; 100mm _____		←
Oil tank	only for engines with separate lubrication		_____
Primer pump			_____
Propeller	Göbler-Hirthmotoren recommends „Helix“: Info@helix-propeller.de Information on <a href="http://www.helix-propeller.de">www.helix-propeller.de</a>		
Software interface	for reading data and set up programs only for engines with injection system		_____
Temperature monitoring	analog, Ø52mm round with one display for cylinder head and one display for exhaust gas temperature, complete with sensors and cables (one instrument for each cylinder is needed)		_____
	analog, Ø52mm round, watertemperature monitoring, complete with sensor and cable		_____
	analog, Ø52mm round with two displays for cylinder head temperature, complete with sensors and cables		_____
	analog, Ø52mm round with two displays for exhaust gas temperature, complete with sensors and cables		_____
	digital, rectangular, Hirth engine monitoring (notice technical description)		_____
Water cooler	14kW (for 3502 and 3503) _____	28kW (for 3701 and 3702) _____	←
Ignition switch			_____

## Special request:

(must be arranged with technical department first)

In delivery included

fuel pump  
air filter  
one exhaust system

In the following we would like to ask you for some information on the planned use of the engine:

Engine use (e.g. type of aircraft):

Mounting (push or pull version, upside down, vertical,...):

Additional notes (e.g. type of prop):

\_\_\_\_\_

place/date

\_\_\_\_\_

signatur/company stamp

Thank you for your order or request, we will send you our confirmation within short time. Please mark on the first page if this is an order or a request.

### Delivery time

On account of the job-oriented production the delivery time for standard engines is 4-6 weeks and for special constructions possibly longer.

If you have any questions please feel free to contact us at the numbers listed below. If you have questions to the sale, please contact the following number: : 07144/8551-12.

