

iTPS Series

iTPS Series welders have an ultrasonic system flexibly applicable to special equipment, actuators produced by Dongho are especially suitable for installation in special equipment and production lines. The common welding applications include welding, riveting and curling process.



5G Network



Internet of Things



Communication Equipment



Cloud



Ultrasonic Welding modules

FEATURES

- * Easy for integration with special applications, systems and production lines
- * High repeatability and process reliability
- * High performance&benefits, low maintenance cost
- * Available for installation at owner-desired position, the installation is easy and simple.
- * Compact and narrow structure

FOUR UNIQUE ADVANTAGES

- Advanced UTC control in conjunction with self-developed electromechanical adjustment-free function for ultra-precision control, Connecting with MES, DPS and PC configuration for real-time data management.
- CAN bus for field management to make the handling of high-speed application procedure realizable
- The 6th generation IQS operating system with multi-level password protection.
- Built-in scanning port supporting four brands of scanning guns for data traceability

iTPS DIMENSIONS AND PARAMETERS

MODEL iTPS_400:

Technische Daten:
Technische specification:

Hub max: 45 mm
Stroke max: 45 mm

Schliesskraft : 1500 N
Nominal force at: 1500 N

Base size: 140x248x620 mm
3D Shape size:

Control box
Base size: 440x465x230 mm
3D Shape size:

Fixed specification: 100x(140x2) mm
Location specification: 6-M8

DONG HO ULTRASONIC		2018-10
Servo ultrasonic series iTPS-400	Base/3D Shape size	④ A-1
Main DONGHO Ultrasonic www.dongho-855.com dongho@dongho-855.com		A

MODEL iTPS_750:

Technische Daten:
Technische specification:

Hub max: 45 mm
Stroke max: 45 mm

Schliesskraft : 2000 N
Nominal force at: 2000 N

Base size: 145x260x780 mm
3D Shape size:

Control box
Base size: 440x465x230 mm
3D Shape size:

Fixed specification: 108x(165x2) mm
Location specification: 6-M8

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TECHNICAL PARAMETERS

MODEL	FREQUENCY	POWER	FORCE Max.	IDENTIFICATION	STROKE	POWER SOURCE
iTPS-2025	20KHz	2500W	3950N	3.35	50mm	1Φ AC220V 10A 50/60hz
iTPS-2030	20KHz	3000W	3950N	3.35	50mm	1Φ AC220V 10A 50/60hz
iTPS-2040	20KHz	4000W	3950N	3.35	50mm	1Φ AC220V 10A 50/60hz
iTPS-3015	30KHz	1500W	1620N	1.38	50mm	1Φ AC220V 10A 50/60hz
iTPS-3020	30KHz	2000W	1620N	1.38	50mm	1Φ AC220V 10A 50/60hz
iTPS-3512	35KHz	1200W	1620N	1.38	50mm	1Φ AC220V 10A 50/60hz
iTPS-4008	40KHz	800W	1620N	1.38	50mm	1Φ AC220V 10A 50/60hz

(We preserve the right to update the above specifications, in case of any improvement of the products, we will not otherwise inform due to above change.)