

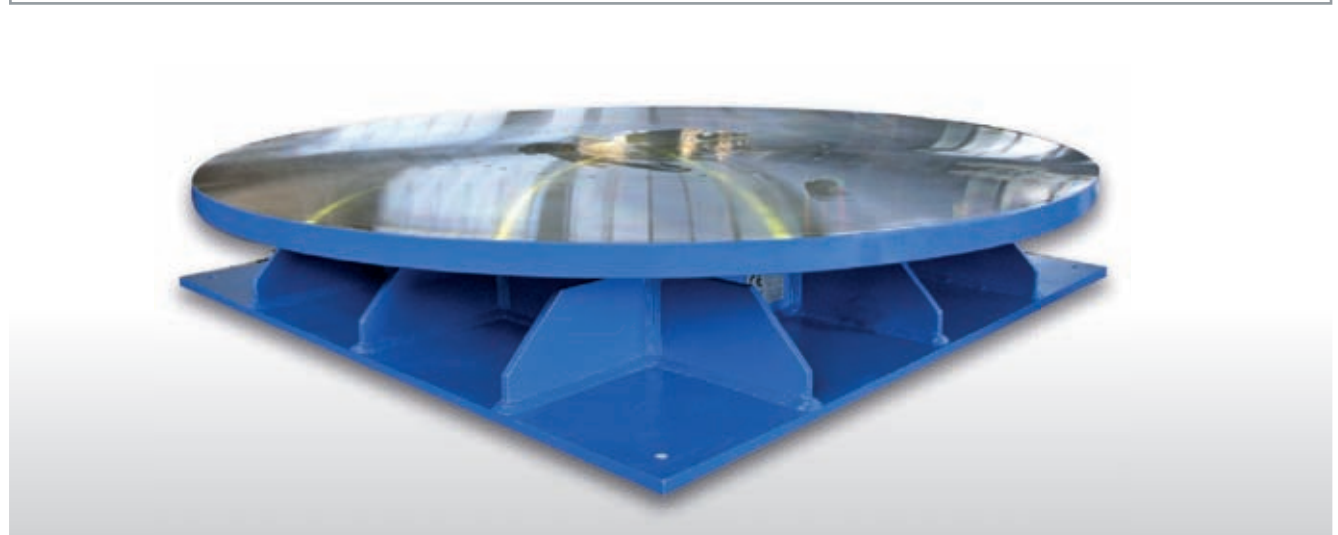


### 3. PRODUCTION SERIES HTS

- Completely operational with welding current transfer 1000 A.
- Mains cable, 7 m long, with remote control at the control cabinet; pluggable with 7 m long control cable.
- Table top in play-free pre-tensioned ball bearing slewing rim with precise and quenched internal gear.
- Rotary drive through three-phase current motor with separate fan and posistor protection.
- Regulation through frequency converter.
- Tabletop speed, continuously from 0.02 to 1.0 r.p.m..

Flat turntables		HTS 20 x 4500	HTS 40 x 4500	HTS 60 x 4500
Carrying force	kg	20000	40000	60000
Speed range	r.p.m..	0.02 – 1.0	0.016 – 0.8	0.016 – 0.8
Control range		1:50	1:50	1:50
Control accuracy	%	2	2	2
Torque max.	Nm	8000	20000	20000
Total table top height approx.	mm	70	250	250
Welding current transfer	Amp.	1000	1000	1000
Tot. overall height approx.	mm	420	650	670
Column base surface	mm	2000x2000	3000 x 3000	3000 x 3000
Weight of the device approx.	kg	4750	11000	15000

\* Specifications subject to alterations



## 3.1. HTS 80 X 8000 SPECIAL DESIGN



Flat turntables		HTS 80 x 8000
Carrying force	kg	80000
Speed range	r.p.m.	0.02 – 10.0
Control range		1:500
Control accuracy	%	1
Torque max.	Nm	50000
Total table top height approx.	mm	400
Total overall height approx.	mm	1030
Column base surface	mm	4000 x 4000
Weight of the device approx.	kg	33500
* Specifications subject to alterations		

### 3.2. PRODUCTION SERIES HTS OPTIONS



- Rotary drive via AC servo motor and regulation via transistor converter for a control range of 1:1000 and control accuracy of 0.25 % at speeds of 0.0015 to 1.5 r.p.m.
- Rotational speed calculator  
Automatic adjustment of the correct speed following digital pre-selection of the workpiece diameter from 1 to 5000 mm and speed of welding from 1 to 1000 mm/min.  
adjustment of  $\varnothing$  in mm and in mm/min.
- Foot actuated switch turning „Left-Off-Right“ including protection hood