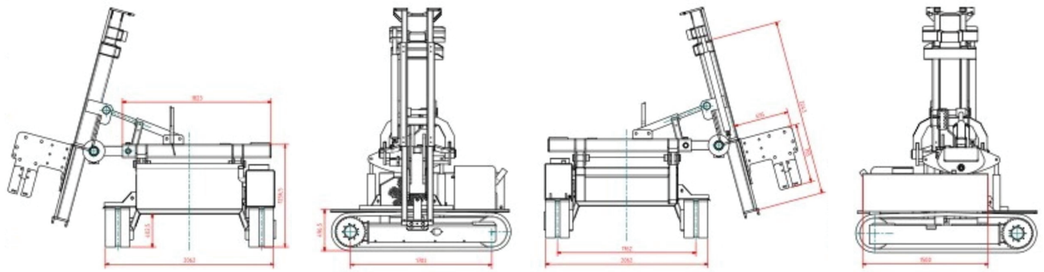
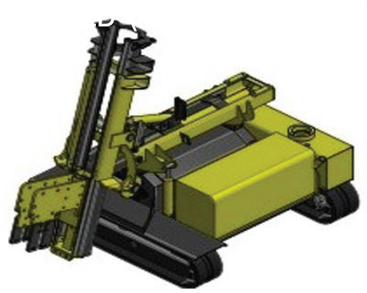
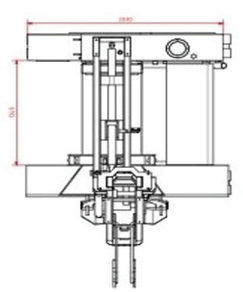
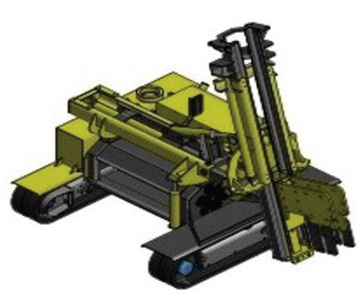


MACHINE MODEL	**TONKER 830**
INTERNAL COMBUSTION ENGINE	YANMAR - TIER 3
MODEL	4TNV88-BDYED
POWER (kW)	MIN 18 – MAX 35,4
SPEED (RPM)	3.000
HYDRAULIC PUMP (MODEL)	PUMP TUROLLA GRUPPO 3 IN CAST IRON
ENGINE CAPACITY OF THE HYDRAULIC PUMP (cc)	34
HYDRAULIC OIL TANK CAPACITY (lt)	180
ENGINE OIL TANK CAPACITY (lt)	5
FUEL TANK CAPACITY (lt)	55
ELECTRICAL SYSTEM VOLTAGE (V dc)	12
LONGITUDINAL SLOPE MAX (%)	23 (13°)
TRANSVERSE SLOPE MAX (%)	17 (10°)
MAXIMUM STEP HEIGHT (mm)	510
FULL SPEED (km/h)	4,5
MACHINE WEIGHT (kg)	4000

PERCUSSION HYDRAULIC HAMMER (950 e 1200 joule)		
MANUFACTURER	INDECO SPA	INDECO SPA
WEIGHT (kg)	185 (IN WORKING CONDITIONS 350 KG)	550 IN WORKING CONDITIONS
POWER AT IMPACT (joules)	950	1200
HITS PER MINUTE (hits/min)	620-1500	580-1180
WORK PRESSURE (bar)	180	180
OIL FLOW (HAMMER) (l/min)	60/90	60/90
ROTARY HEAD (small and big version)		
TORQUE OUTPUT (Nm)	500	2500
MEDIUM SPEED (RPM)	60	30
OIL FLOW max (l/min)	40	75
HYDRAULIC MOTOR (cc)	500	315
WORK PRESSURE MAX (bar)	200	200
CONNECTION TO THE ROTARY HEAD	Female 3 ½” API REGULAR	Male 2 3/8" API REGULAR
MAXIMUM DIAMETER OF THE DOWNHOLE DRILLING HAMMER	4” (101,6 mm)	6” (152,4 mm)
MAXIMUM DIAMETER OF THE BIT (mm)	152	219







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HYDRAULIC PILE DRIVER MACHINE

TONKER 830

DATA SHEET