



HCR900



Drill faster and straighter with the patented HD 709 drifter.

The Furukawa HD 709 Series drifter is designed to minimize drill noise and vibration without sacrificing performance. Incorporating a new piston design, the HD 709 drifter maximizes energy transmission and drills effectively in a variety of rock types.

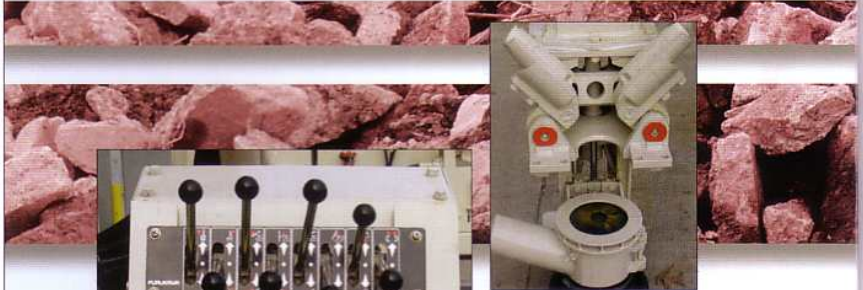


- Dual dampening system consistently keeps the bit against the rock, ensuring efficient energy transfer and straighter holes. The system automatically tunes the drifter for maximum performance regardless of the rock condition.
- **Integrated Drilling System** incorporates all-hydraulic controls for automatic adjustment of impact and feed force to accommodate changing rock conditions. A reactive dampening control system regulates pressure based on rock hardness, providing superior drilling performance.
- Compact valve design, positioned close to the piston, provides rapid valve and piston response for enhanced efficiency.

Maximize operator performance with the ultimate in drilling technology.

- Ergonomically designed to minimize operator fatigue.
- Single-lever drilling controls allow easy operation of the drifter.
- Engine, compressor and hydraulic oil temperature gauges are highly visible, allowing the operator to monitor machine functions while remaining focused on the drilling.

- Sliding suction cap can be raised to allow a fast visual check of operation.
- Stable chassis – combining a low center of gravity, high ground clearance and protected undercarriage – enhances stability and confidence when tramming and drilling on rough terrain.
- Walk-around, ground-level maintenance provides fast, easy upkeep or repair. Hinged service doors provide easy access to required areas.



Combining performance and economy.

The HCR 900 is ideal for demanding site preparation applications. Simple, durable and efficient, the HCR 900 ES and the HCR 900 ES20 incorporate a self-adjusting drill system designed to maximize drilling efficiency through to the bottom of the hole. By automatically controlling the impact force, feed force, rotation force and dual dampener pressure, the HCR 900 continuously adapts to the changing rock conditions. As a result, drilling performance and the life of the drill tools are increased, while lowering fuel consumption.

- Extension boom increases drilling pattern flexibility.
- Design versatility allows for drilling either horizontally or vertically.
- High-output compressor increases flushing air, provides faster drilling and decreases bit wear.
- Upgraded dust collector has higher suction capacity than previous models. Dust collector includes an effective pre-cleaner to reduce escape of drilling dust. An optional dust suppression system is available for difficult drilling conditions.

HCR900 ES HCR900 ES20

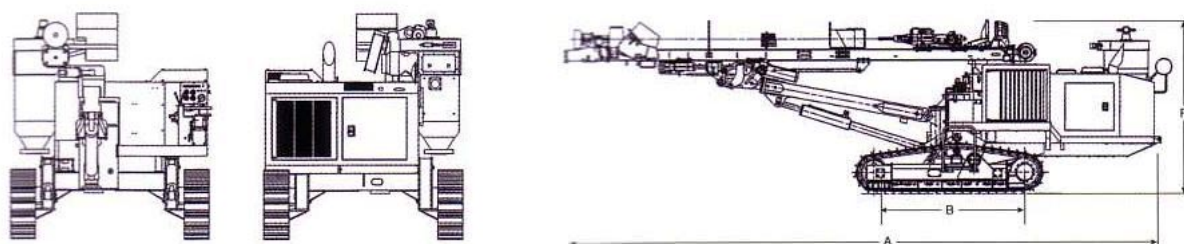
- Low-emission, Tier II Caterpillar® engine offers low fuel consumption and meets major exhaust emissions regulations in Europe, the United States.
- Heavy-duty Caterpillar® undercarriage – featuring a pentagonal section design to reduce dirt build-up and track wear – ensures strength and durability.
- HCR 900 ES20 is ideal when drilling requirements exceed 12'. Depths up to 18' can be drilled without changing rods.
- Angle indicator for quick and easy drilling alignment.



HCR 900 ES Shown



■ DIMENSIONS



■ SPECIFICATIONS

Modèle		HCR900 - ES
Poids & dimensions		
Masse opérationnelle avec cabine ROPS/FOPS	kg	10 270
A Longueur hors tout	mm	9 750
B Longueur au sol	mm	2 425
C Largeur hors tout au travail	mm	3 250
D Largeur des chenilles	mm	2 570
E Largeur d'une chenille	mm	300
F Hauteur hors tout (transport)	mm	2 730
Marteau		
Modèle		HD709
Masse	kg	185
Fréquence de frappe	min ⁻¹	2250 - 2500
Vitesse de rotation	min ⁻¹	0 - 250
Chenillard		
Garde au sol	mm	550
Angle d'oscillation	deg	±10
Vitesse de déplacement	km/h	0 - 3.5
Pente maximale	%	57,7 (30 deg)
Moteur		
Marque et modèle		CATERPILLAR C-7
Type		Turbochargé diesel
Puissance et régime	kW/min	168 / 2 200
Capacité du réservoir	l	330
Compresseur		
Modèle		PDS265 (Airman)
Débit	m ³ /min	6,1
Pression	MPa	1,03
Bras		
Modèle		JE326
Inclinaison bas-haut	deg	15 - 45
Orientation droite-gauche	deg	37 - 43
Glissière		
Longueur	mm	7 518
Course du marteau	mm	4 480
Avance au rocher	mm	1200
Orientation droite-gauche	deg	40 - 40
Force au retrait	kN	28,5
Capteur de poussières		
Capacité d'aspiration	m ³ /min	20
Manipulation des tiges		
Type		Magasin à tiges
Nombres de tiges		4+1
Tiges et taillants		
Diamètres des taillants	mm	65 - 90
Type de tiges		T38 ou T45
Longueur des tiges	mm	3050 ou 3660
Longueur de la première tige	mm	

Ces spécifications sont données à titre indicatif et peuvent être modifiées sans préavis